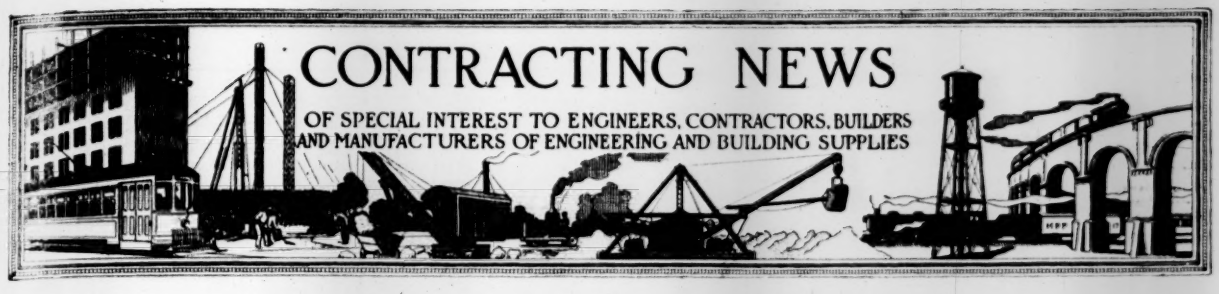
CONTRACTING NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

Proposals

For Proposals Advertised See Pages 52 to 55 Inclusive

WATER-WORKS

Bids Close		See Eng. News-Record
Sept. 3.	Burlingame, Kan.	Aug. 16
Sept. 4.	Hamilton, Ont.	Aug. 16
Sept. 4.	Cumberland, Md. Adv. Aug. 9 to 23.	Aug. 9
Sept. 5.	Leola, S. D.	Aug. 30
Sept. 6.	Wolverton, Minn.	Aug. 23
Sept. 6.	Brockton, Mass. Adv. Aug. 16.	Aug. 16
Sept. 6.	Thomson, Ill. Adv. Aug. 16.	Aug. 16
Sept. 7.	Shawano, Wis.	Aug. 30
Sept. 10.	Cumberland, Md. Adv. Aug. 16 to 30.	Aug. 16
Sept. 11.	New York, N. Y. Adv. July 12 to Aug. 23.	July 12
Sept. 12.	Kansas City, Mo. Adv. Aug. 23 and 30.	Aug. 23
Sept. 13.	Cleveland, O.	Aug. 30

SEWERS

Sept. 4.	Cumberland, Md. Adv. Aug. 9 to 23.	Aug. 9
Sept. 4.	Rocky River, O.	Aug. 23
Sept. 4.	Dodge Center, Minn.	Aug. 23
Sept. 4.	Scranton, Pa.	Aug. 30
Sept. 5.	San Angelo, Tex.	Aug. 30
Sept. 5.	Seymour, Ia.	Aug. 30
Sept. 6.	Cleveland Heights, O.	Aug. 23
Sept. 7.	Avalon, N. J.	Aug. 30
Sept. 7.	Roselle, N. J.	Aug. 30
Sept. 15.	Hillsboro, Ill.	Aug. 16
Sept. 17.	Cleveland Heights, O.	Aug. 30

BRIDGES

Sept. 1.	Annapolis, Md.	Aug. 16
Sept. 3.	Sullivan, Ind.	Aug. 23
Sept. 4.	Marion, Ind.	Aug. 30
Sept. 4.	Brazil, Ind.	Aug. 23
Sept. 4.	Montgomery, Pa. Adv. Aug. 16 to 30.	Aug. 23
Sept. 4.	Williamsport, Pa. Adv. Aug. 16 to 30.	Aug. 16
Sept. 4.	Olympia, Wash.	Aug. 23
Sept. 4.	Bristol, Conn.	Aug. 30
Sept. 4.	Ritzville, Wash.	Aug. 30
Sept. 4.	Sudbury, Ont.	Aug. 30
Sept. 6.	Hiawatha, Kan.	Aug. 23
Sept. 6.	Duluth, Minn.	Aug. 23
Sept. 10.	Omaha, Neb.	Aug. 23
Sept. 10.	Akron, O.	Aug. 23
Sept. 10.	Bryan, O.	Aug. 30
Sept. 11.	Modesto, Cal.	Aug. 30
Sept. 11.	Bradentown, Fla.	Aug. 16
Sept. 13.	Excelsior Springs, Mo.	Aug. 30
Sept. 15.	Guthrie, Okla.	Aug. 30

STREETS AND ROADS

Sept. 3.	Greenfield, O.	Aug. 23
Sept. 3.	Indiana	Aug. 23
Sept. 4.	Canton, Ill.	Aug. 23
Sept. 4.	California	Aug. 23
Sept. 4.	Maryland	Aug. 23
Sept. 4.	Indiana Adv. Aug. 23 and 30.	Aug. 23
Sept. 4.	Seattle, Wash.	Aug. 23
Sept. 4.	Pittsburgh, Pa.	Aug. 16
Sept. 4.	Columbus, O.	Aug. 16
Sept. 4.	New Brunswick, N. J.	Aug. 16
Sept. 4.	Pennsylvania Adv. Aug. 23 and 30.	Aug. 23
Sept. 4.	Toms River, N. J.	Aug. 23
Sept. 4.	Linden, N. J.	Aug. 23
Sept. 4.	San Jose, Cal.	Aug. 30
Sept. 4.	Yazoo City, Miss.	Aug. 30
Sept. 4.	Cincinnati, O.	Aug. 30
Sept. 5.	Salem, Ore.	Aug. 30
Sept. 5.	Freehold, N. J.	Aug. 23
Sept. 5.	Indiana	Aug. 23
Sept. 5.	Ephrata, Wash.	Aug. 30
Sept. 5.	Paterson, N. J.	Aug. 30
Sept. 5.	Freehold, N. J.	Aug. 30
Sept. 5.	Butte, Mont.	Aug. 30
Sept. 6.	Indiana	Aug. 23
Sept. 6.	Muscatine, Ia.	Aug. 23
Sept. 6.	Ventura, Cal.	Aug. 30
Sept. 6.	Towson, Md.	Aug. 30
Sept. 6.	New York, N. Y.	Aug. 30
Sept. 7.	St. Louis, Mo.	Aug. 30
Sept. 7.	Indiana	Aug. 23
Sept. 7.	Avalon, N. J.	Aug. 30
Sept. 7.	Ohio	Aug. 30
Sept. 7.	St. Louis, Mo.	Aug. 30
Sept. 10.	Washington	Aug. 30
Sept. 10.	Wallace, Idaho	Aug. 30
Sept. 11.	Sacramento, Cal.	Aug. 30
Sept. 15.	Visalia, Cal.	Aug. 30
Sept. 19.	Seattle, Wash.	Aug. 23
Sept. 18.	Hohenwald, Tenn.	Aug. 23
Sept. 22.	Cameron, La.	Aug. 30

EXCAVATION AND DREDGING

Aug. 31.	Willmar, Minn.	Aug. 23
Sept. 4.	Estherville, Ia.	Aug. 30
Sept. 6.	Thomson, Ill. Adv. Aug. 16 to 30.	Aug. 23
Sept. 8.	Madison, Minn.	Aug. 23
Sept. 8.	Trenton, Tenn.	Aug. 30
Sept. 10.	Walker, Minn.	Aug. 30
Sept. 12.	New Orleans, La.	Aug. 23
Sept. 12.	Hampton, Ia.	Aug. 30
Oct. 2.	St. Cloud, Minn.	Aug. 2

INDUSTRIAL WORKS

Sept. 4.	Columbus, O.	Aug. 16

BUILDINGS

Sept. 4.	Lakewood, O.	Aug. 16
Sept. 4.	Detroit, Mich.	Aug. 23
Sept. 4.	Columbus, O.	Aug. 23
Sept. 4.	Waterbury, Conn.	Aug. 30
Sept. 4.	West Liberty, W. Va.	Aug. 30
Sept. 4.	Uniontown, Pa.	Aug. 30
Sept. 5.	Ironton, Ohio	Aug. 30
Sept. 5.	Englewood, N. J.	Aug. 23
Sept. 5.	Kent, O.	Aug. 23
Sept. 5.	Newton, Ia.	Aug. 16
Sept. 5.	Brooklyn, N. Y.	Aug. 16
Sept. 5.	Chester, Pa.	Aug. 30
Sept. 7.	Albany, N. Y. Adv. Aug. 16 to 30.	Aug. 23
Sept. 10.	Bridgeport, Conn.	Aug. 30
Sept. 10.	Akron, O.	Aug. 30
Sept. 13.	Upper Sandusky, Ohio	Aug. 30
Sept. 15.	Oklahoma, Okla.	Aug. 16
Sept. 15.	Spirit Lake, Ia.	Aug. 9
Sept. 15.	Bathhurst, N. B.	Aug. 30

FEDERAL GOVERNMENT WORK

Sept. 3.	El Cayey, P. R.	Aug. 30
Sept. 3.	Kuahua, T. H.	Aug. 9
Sept. 4.	McKees Rock, Pa.	Aug. 9
Sept. 4.	Detroit, Mich. Adv. Aug. 16 to 30.	Aug. 9
Sept. 4.	Detroit, Mich.	Aug. 30
Sept. 4.	Washington, D. C.	Aug. 30
Sept. 4.	Vicksburg, Miss. Adv. Aug. 30.	Aug. 30
Sept. 4.	New London, Conn.	Aug. 30
Sept. 5.	Torrington, Wyo. Adv. July 26.	July 26
Sept. 5.	Washington, Ga.	Aug. 2
Sept. 5.	San Francisco, Cal. Adv. Aug. 9 to 30.	Aug. 9
Sept. 5.	Washington, D. C. Adv. Aug. 16.	Aug. 16
Sept. 6.	Forsyth, Ga.	Aug. 2
Sept. 10.	Annapolis, Md.	Aug. 30
Sept. 10.	Pearl Harbor, Hawaii	Aug. 30
Sept. 12.	Raton, N. M.	Aug. 23
Sept. 12.	Long Island City, N. Y.	Aug. 9
Sept. 18.	Cape Henry, Va. Adv. Aug. 30.	Aug. 30
Sept. 21.	Kendallville, Ind. Adv. Aug. 16 and 23.	Aug. 16
Sept. 25.	Washington, D. C. Adv. Aug. 30.	Aug. 30
Oct. 1.	Twin Falls, Idaho	Aug. 30

MISCELLANEOUS

Sept. 4.	Levee Work—New Orleans, La.	Aug. 23
Sept. 4.	Dam—San Diego, Cal.	Aug. 23
Sept. 5.	Duct Line — Brooklyn, N. Y.	Aug 30
Sept. 5.	Shaft—New York, N. Y.	Aug. 23
Sept. 6.	Pumping Machinery—Brockton, Mass. Adv. Aug. 9 to 30.	Aug. 23
Sept. 10.	Dam and Retaining Walls—Marshalltown, Ia.	Aug. 30
Sept. 10.	Retaining Wall—Lebanon, O.	Aug. 30
Sept. 10.	Dock—Georgetown, Wash.	Aug. 30

Where name of official is not given, inquiries should be addressed to City Clerk County Clerk or corresponding official

WATER-WORKS

Proposed Work

N. J., Bayonne—City plans to lay 12-in. water mains. About $20,000. W. P. Lea, clk.

N. C., Wilmington—City will issue $25,000 bonds to improve Water St. by extending water and sewer mains and curbing. W. E. Merritt, supt.

Miss., Hattiesburg—See "Sewers."

O., Akron—See "Streets and Roads."

O., Defiance — (Official) — City having plans prepared by W. J. Sherman Co., engrs. 613 The Nasby, Toledo, for water purification system. Noted Apr. 14.

O., Euclid—Town to sell $125,235 bonds, Sept. 24, to build water mains in various streets. H. Migner, city supt.

O., Hamilton—City had plans prepared to improve water-works system. About $16,430. D. W. Meade, Hamilton, engr. Noted Aug. 9.

O., Middleton—City plans to install water mains and sewers on portions East 2nd St. W. C. Morrison, city engr.

Mich., Flint—City election soon to vote on $128,000 bond issue for new pump and extension of water mains. W. L. Fisher, supt.

Mich., Ironwood—City voted to build water-works plant. F. R. Blackhurst, supt.

Ia., Atlantic—City had plans prepared building reservoir. About $20,000. J. H. Mayne, Atlantic, engr.

Ia., Conrad—(Official)—City rejected bids opened Aug. 28, to build sewage disposal plant and sanitary sewerage system.

Ia., Sioux City—City plans to improve water-works system. About $80,000. M. Lewis, supt.

Minn., Duluth—(Official)—City rejected bids installing 20,000-gal. centrifugal pump. Noted June 14.

Neb., Chappell—City voted $10,000 bonds to extend water-works. R. H. Libby, city supt.

Mont., Poplar—City plans to build water-works system. About $25,000.

Mont., Ronan—City to sell $16,800 bonds, Sept. 10, to build water-works system. Noted Aug. 16.

Water-Works (Continued)

Mont., Scobey—City defeated $19,000 bond issue to build water-works system. Noted Aug. 9.

Tex., Abilene—City voted $230,000 bonds to build $5,000,000-gal. reservoir on Elm Creek. Noted July 26.

Okla., Bristow—City voted $12,000 bonds to build waterworks and sewer extension. Noted Aug. 2.

Okla., Okmulgee—See "Sewers."

Okla., Poteau—City voted $75,000 bonds for new water-works; including pumping station and filtration plant. Benham Eng. Co., Colcord Bldg., Oklahoma, engrs. Noted July 26.

Okla., Waurika—City election, Sept. 11, to vote on $20,000 bond issue to improve water-works system. H. Treadwell, clk. Noted July 26.

Wash., Bremerton—City election Sept. 18 to vote on $60,000 bond issue to extend and improve water-works system.

Wash., Seattle—City to sell $3,700,000 bonds to develop Swan Lake, as an auxiliary storage basin, 3-mi. concrete tunnel and 3rd line from tunnel to city reservoir. L. B. Young, city supt.

Ore., Toledo—City voted $27,000 bonds to extend and improve water-works system.

BIDS DESIRED

O., Cleveland—(Official)—Until Sept. 13, by Comr. Purch. & Supplies, installing 84-in. venturi meters together with all necessary apparatus. R. Hoffman, city engr.

Wis., Shawano—Until Sept. 7, by D. E. Westcott, city clk., building extensions and additions to water-works system. About $40,000. P. Capraro, supt.

S. D., Leola—(Official)—Until Sept. 5, by Town Clk., building 50,000-gal. rein.-con. water-works reservoir. Dakota Eng. Co., Mitchell, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Boston—City received low bid relaying water pipes in Hyde Park, Collins and Cleary Sq. from Drinkwater, 35 Hemlock St., West Roxbury.

★**Va., Lynchburg**—City let contract building filtration plant to Roberts Filter Mfg. Co., Darby, Pa. Noted June 7.

★**O., Cleveland Heights**—(Warrensville P. O.) See "Sewers."

★**Wis., Madison**—City let contract steam pipe fittings, valves, etc., for connections at new water-works pumping station to Hooper & Schmidt, Madison, $10,000. Noted Apr. 24.

★**Kan., Wilburton**—City let contract water-works improvements to McEachin & McEachin, McAlester, $26,310.

★**Okla., Oklahoma**—See "Sewers."

★**Cal., Paso Robles**—City let contract building water-works system involving 3000 ft. 8-in., 16,095 ft. 6-in. and 14,630 ft. 4-in. riveted steel pipe, 6040 ft. standard screw pipe and 52 2-way fire hydrants to M. Murphy, San Francisco, $37,248.

SEWERS

Proposed Work

N. Y., Buffalo—City Council authorized sewers in Zittel St., Frank Ave. and Indian Crescent. G. H. Norton, city engr.

N. Y., Rome—City having plans prepared for sewerage system in West Liberty St. J. Plunkett, city engr.

N. Y., Solvay—State Bd. Health, Albany, approved plans submitted by Semit-Solvay Co. for installing large disposal plant at Split Rock to eliminate pollution of Onondaga Lake by wastage from company's works.

N. J., Camden—City plans to build sewer portions Cope St. A. L. Sayers, st. comr. L. E. Farnham, city engr.

N. J., Hightstown—See "Streets and Roads."

Fla., Miami—City had plans prepared by B. H. Klyce, engr., building sewage-disposal system, including pump and filtration plant and canal. About $25,000.

Miss., Hattiesburg—City plans election to vote on $28,000 bonds to extend water and sewer mains. B. Jones, supt.

Ky., Shelbyville—City election, Nov. 6, to vote on $15,000 bond issue to build sewerage system.

O., Canton—City defeated $290,000 bond issue to build East and West intercepting sanitary sewer. W. E. Sarver, city engr. Noted July 26.

O., Cleveland—City plans to install sewers in Roanoke, East 100th, East 140th and East 135th Sts. R. Hoffman, city engr.

O., Middleton—See "Water-Works."

O., Wooster—City plans to build sewers in portions Maiden Lane, Callow Hill and Prospect St. H. W. Mowery, city engr.

O., Xenia—See "Streets and Roads."

Ind., Warsaw—City plans to build Phillipson sewer on North Dakota St.

Wis., Springfield—City plans to build new sewerage system. F. H. Clarke, city engr.

Wis., Superior—City plans to install sewer at Billing Park, between Pennsylvania and Wyoming Sts.

Minn., Caledonia—City lets contract about Sept. 15, sewerage system and disposal plant including 18,000 ft. of 8- to 18-in. vitr. clay tile sewer.

Tex., Texarkana—City election Sept. 17 to vote on $50,000 bond issue to build septic tank. C. E. Hayden, city engr.

Okla., Okmulgee—City defeated $145,000 bonds to extend sewers and $390,000 bonds to improve water-works system. Noted July 12.

N. M., Gallup—City having plans prepared by Burns & McDonnell, engrs., 400 Inter-State Bldg., Kansas City, Mo., building sewage disposal plant. R. G. Webb, city clk.

Cal., Newport Beach—City having plans prepared building sewerage system. C. Crego, city clk.

Ont., London—City having plans prepared for sewerage pumping plant at West London. About $50,000. H. Brazier, city engr.

BIDS DESIRED

N. Y., Brooklyn—Until Sept. 6, by L. H. Pounds, boro. pres., for sewers in Snediker Ave. and Newport St. About $13,484.

N. J., Avalon—Until Sept. 7, by Boro. Council, laying sewer pipe, 37th St. and 7th Ave., 6- and 8-in. terra cotta.

N. J., Roselle—Until Sept. 7, by Boro. Council, installing sewers, manholes, etc., in Monroe, Adelphia and Myrtle Sts. Noted July 26.

Pa., Scranton—(Official)—Until Sept. 4, W. G. Robertson, dir. dept. pub. wks., building pipe drain in portions 21st Ward. W. Schunk, supt.

La., Lafayette—(Official)—Until Sept. 25, by City, installing sanitary sewers and sewage-disposal plant; 10 mi. 8- to 20-in. pipe. J. B. McCrary Co., Atlanta, engrs. Noted May 31.

O., Cleveland Heights—(Warrensville P. O.)—Until Sept. 17, by H. H. Canfield, village clk., constructing sewers in Taylor-Caledonia Sewer Dist. No. 5, segment block and vitr. pipe storm and sanitary sewers. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Ia., Seymour—(Official)—Until Sept. 5, (change of date) by J. Lowry, city clk., building 22,000-ft. of from 6- to 12-in. sewers and 2 disposal plants. M. G. Hall, Centerville, engr. Noted Aug. 16.

Mo., St. Louis—See "Streets and Roads."

Tex., San Angelo—(Official)—Until Sept. 5, by San Angelo Sewer Co., building sewage disposal plant. H. E. Elrod, Interurban Bldg., Dallas, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Pa., Reading**—City let contract building section of 24-in. sewerage system to Rundler & Behm, Phila, $50,000.

★**Md., Hagerstown**—Sewerage Comn let contract additions to sanitary sewerage system to H. C. Brooks Constr. Co., Martinsburg, W. Va., $111,778.

★**O., Cincinnati**—Bd. Control let contract installing sewer in Litherbury St. to Gradison Contsr. Co., $13,491.

★**O., Cleveland Heights**—(Warrensville P. O.)—Town let contract sewer and water connections in 15 districts to George Bros., 1448 Bolivar Rd., Cleveland, $34,430. Noted Aug. 23.

O., Lorain—City received low bid building portions 12th St. sewer, (a) brick, (b) segmental block, from Randall & Cooper, (a) $15,727, (b) $14,546; T. Trifiletti, (a) $17,017, (b) $12,855.

★**O., Medina**—See "Streets and Roads."

★**Ind., Muncie**—(Official)—Bd. Pub. Wks. let contract building 5th St. sewer No. 1 and Elbright sewer No. 1 to W. M. Birch Co., Muncie. Noted Aug. 16.

Mich., Escanaba—(Official)—City received low bids building sewers Stephenson Dist. C. Puissant, $8505; Wells, Cochrane, and Jennie Sts., Delto Constr. Co., $15,000; Selden Ave., G. Hogan, $5,32. Contractors all of Escanaba. Noted Aug. 9.

★**Wis., Racine**—Bd. Pub. Wks. let contract building storm sewers in various streets to C. E. Reed, Racine, $50,000.

★**Ia., Marshalltown**—(Official)—City let contract building sanitary sewers in portions of 12 streets to Anderson & Empire, Marshalltown, $20,000. Noted Aug. 16.

★**Okla., Oklahoma**—South Oklahoma Townsite Co. let contract sewerage and water-works systems to A. F. Binns, 2251 West Grand Ave., $18,000.

★**Utah, Ogden**—City let contract building sewer portions Washington Ave. to Heuser-Packard Co., Salt Lake City, $12,000. Noted June 28.

★**Cal., Santa Barbara**—See "Streets and Roads."

Ont., Toronto—Bd. Control received low bids Rosedale Creek sewer from high level pumping station to Russell Hill Rd. and Clarendon Ave. from A. McDonald and P. Nicholson. About $105,000. Noted Aug. 2.

BRIDGES

Proposed Work

N. Y., Rochester—City, New York State Rys. and New York Central & Hudson River R.R. plan new bridge over tracks of New York Central on Main St., E. F. T. Elwood, city engr. E. J. Cook, Rochester, genl. mgr. of former railway, and G. W. Kittredge, Grand Central Terminal, New York City, ch. engr. of latter.

Pa., Dubois—See "Streets and Roads."

Pa., Harrisburg—Comrs. Dauphin Co. plan bridge over tracks of Pennsylvania R.R. north of Middletown. About $45,000.

Ill., St. Joseph—Champaign Co. plans new bridge over channel, 110 ft. long and 18 ft. wide. G. C. Fairclo, co. supt. highways.

Wis., Wausau—Citizens voted $60,000 bonds to build rein.-con. bridge over Wisconsin River at Big Bull Falls. D. B. Luten, Indianapolis, engr. Noted June 28.

Minn., Walker—Comrs. Cass Co. will build bridge over narrows between Cass Lake and Pike Bay. About $20,000.

Kan., Cottonwood Falls—Chase Co. had plans prepared for 9 bridges. About $16,530. J. Frew, co. engr.

Kan., Topeka—Shawnee Co. will build 140-ft. rainbow arch bridge over Soldier Creek on Kansas Ave. About $25,000. Marsh Eng. Co., 205 Masonic Temple, Des Moines, engrs.

Neb., Lincoln—(Official)—Lancaster Co. will build 8 bridges with state-aid. Contracts to be let in October. About $218,000. G. E. Johnson, state highway engr.

Neb., Papillon—Sarpy Co. voted $50,000 bond issue to build bridges.

Wash., Bellingham—Comrs. Whatcom Co. will build steel bridge over Noosack River at Marietta. About $32,000.

Wash., Spokane—Council plans rein.-con. bridge over Hangman Creek at West Riverdale. About $25,000. M. Macartney, city engr.

Cal., Oakland—Alameda Co. voted $900,000 bonds as its share of bascule bridge over estuary between Oakland and Alameda; bridge to be built by county and Southern Pacific Co. Noted June 28.

Cal., Woodland—Bd. Superv. Yolo Co. authorized construction 4 bridges; 1 over Cache Creek, Stephens Bridge, 1 near Dunnigam Highway and 1 to replace Scott Bridge, all to rein.-con. About $43,000.

Ont., Kincardine—Council plans to repair bridges recently damaged by storm. About $12,000. R. M. McDowell, Owen Sound engr.

BIDS DESIRED

Conn., Bristol—Until Sept. 4, by T. B. Steele, city clk., rein.-con. bridge over Pequabuck River. C. W. Buell, city engr.

O., Bryan—Until Sept. 10, by G. C. Beucler, aud. Williams Co., for 8 bridges in various townships.

Ind., Marion—Until Sept. 4, by Comrs. Grant Co., for rein.-con. bridge over Mississinewa River. Contract recently awarded to F. R. Hoover rescinded. Noted July 26.

Bridges (Continued)

Mo., **Excelsior Springs**—Until Sept. 13, by W. L. Silvers, city clk., bridge over Henrie Ave. and 1 over Fishing Creek.

Okla., **Guthrie**—Until Sept. 25, by Comrs. Logan Co., for 19 bridges. About $33,000. A. A. Leer, clk.

Wash., **Ritzville**—Until Sept. 4, by Comrs. Adams Co., 65-ft. rein.-con. arch bridge.

Cal., **Modesto**—Until Sept. 11, by Stanislaus Co., for rein.-con. bridge on Oakdale-Waterford Rd.

Cal., **Yreka**—Until Sept. 4, by Siskiyou Co., 1 40-ft. and 1 80-ft. rein.-con. bridge, also 2 20-ft. spans, 1 32-ft. approach fill and rebuilding floor system of 70-ft. steel bridge.

Ont., **Sudbury**—Until Sept. 4, by W. J. Ross, town clk., for rein.-con. bridge.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Hampton**—E. S. Douglass, supt. highways, let contract rein.-con. arch bridge over Poultney River to Falkill Constr. Co., 1 Washington St., Poughkeepsie. Noted Aug. 16.

★**N. J., Trenton**—Bd. Freeholders Mercer Co. let contract double-arch culvert on River Rd. at Moore Sta. to R. A. Montgomery, Trenton, about $15,164.

★**Pa., Birdsboro**—Philadelphia & Reading Ry. let contract building bridge, Wilmington Branch, to Bennett & Randall, Lebanon, $15,000.

★**Pa., Kittanning** — Comrs. Armstrong and Westmoreland Cos. let contract repairs and replacements on Kiskiminetas River bridges at Vandergrift and Leechburgh, to Faris Engr. Co., Empire Bldg., Pittsburgh, about $56,265.

★**Fla., Ft. Myers**—Comrs. Lee Co. let contract 89 concrete bridges and culverts in connection with road work to Trapp & Fraser, Ft. Myers.

★**Fla., Palm City** — Palm Beach Co. Comrs., West Palm Beach, let contract building bridge over Lucie River to C. T. Dalkans Constr. Co., $63,517. Noted June 14.

★**O., Barberton**—T. J. Davies, dir. pub. ser., let contract concrete and steel viaduct to be known as Tuscarawas Ave. viaduct to Hackendorn Constr. Co., 1134-6 Ind. Pythian Bldg., Indianapolis; $177,600. Noted Aug. 2.

O., Columbus—Comrs. Franklin Co. received low bid rein.-con. bridge over Olentangy River on Lane Ave. from E. Elford & Co., 104 North 3rd St., $153,814; 1 on 3rd Ave. from Marion Constr. Co., Marion, $156,579. Noted Aug. 16.

★**Wis., Milwaukee**—Milwaukee Co. let contract approaches for rebuilding Grand Ave. viaduct to John Ubbink, $25,590.

★**Ia., Anamosa**—Jones Co. let contract 7 16-ft. and 2 24-ft. I-beam bridges to W. Flaherty, Anamosa, about $20,400.

★**Minn., Duluth**—Duluth & Iron Range Ry. let contract bridge over Sucker River to A. T. Nelson, 5 East Superior St., $10,000.

★**Ark., Wynne**—City let contract steel drawbridge over St. Francis River to Larimer & Burget Bridge Co., Memphis, $33,560.

★**Okla., Muskogee**—Muskogee Co. let contract bridge over South Canadian River to Mid-Western Ditch Co., 610 New England Bldg., Kansas City, Mo., about $150,000.

★**Okla., Poteau**—Le Flore Co. let contract 2 steel bridges across Poteau River in Heavener Twp. to Kansas City Bridge Co., 510 Orear-Leslie Bldg., Kansas City, Mo., $24,000.

★**Wash., Vancouver**—Clarke Co. let contract 1 90-ft. span and 1 72-ft. span bridge over Lewis River near Yacolt to Vancouver Contr. Co., Vancouver. Noted July 26.

Cal., Rio Vista—Bd. Superv. Sacramento Co., Sacramento, and Solano Co., Fairfield, received low bid bascule bridge over Sacramento River from Tibbitts-Pacific Co., 16 California St., San Francisco, $164,568. Noted July 26.

★**Cal., Sacramento**—Bd. Superv. Sacramento Co. let contract bridge over American River at Folsom City to Ross Constr. Co., Forum Bldg., about $74,940.

★**Cal., San Jose**—City let contract rein.-con. bridge over Guadalupe Creek on Willow St. to A. Mattson, San Bruno, $16,500.

★**Ont., Windsor**—Canadian Pacific Ry. let contract rein.-con. viaduct to Sherwood Constr. Co., Mail Bldg., Toronto, about $50,000.

STRUCTURAL STEEL WORK

Proposed Work

N. Y., Brooklyn—See "Industrial Works."
N. Y., Rochester—See "Bridges."
Pa., Harrisburg—See "Bridges."
O., Cleveland—See "Industrial Works."
Ill., St. Joseph—See "Bridges."
Minn., Walker—See "Bridges."
Kan., Cottonwood Falls—See "Bridges."
Kan., Topeka—See "Bridges."
Neb., Lincoln—See "Bridges."
Neb., Papillon—See "Bridges."
Wash., Bellingham—See "Bridges."
Cal., Oakland—See "Bridges."
Cal., Yreka—See "Bridges."
Ont., Kincardine—See "Bridges."

BIDS DESIRED

O., Bryan—See "Bridges."
Ind., Marion—See "Bridges."
Mo., Excelsior Springs—See "Bridges."
Okla., Guthrie—See "Bridges."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. J., Trenton**—See "Bridges."
★**Pa., Kittanning**—See "Bridges."
★**Pa., Lansdowne**—See "Buildings."
★**Wis., Milwaukee**—See "Bridges."
★**Ia., Anamosa**—See "Bridges."
★**Minn., Duluth**—See "Bridges."
★**Okla., Muskogee**—See "Bridges."
★**Okla., Poteau**—See "Bridges."
★**Wash., Vancouver**—See "Bridges."
Cal., Rio Vista—See "Bridges."
★**Cal., Sacramento**—See "Bridges."

REINFORCED CONCRETE

Proposed Work

N. Y., Brooklyn—See "Industrial Works."
N. Y., Buffalo—See "Industrial Works."
N. J., Jersey City—See "Miscellaneous."
Va., Norfolk—See "Buildings."
W. Va., Huntington—See "Buildings."
O., Cleveland—See "Industrial Works."
O., Lakewood—See "Buildings."
Wis., Wausau—See "Bridges."
Tex., Mineral Wells—See "Water-Works."
Wash., Seattle—See "Water-Works."
Wash., Spokane—See "Bridges."
Cal., San Francisco—See "Buildings."
Cal., Woodland—See "Bridges."
Cal., Yreka—See "Bridges."

BIDS DESIRED

Conn., Bristol—See "Bridges."
O., Lebanon—See "Miscellaneous."
Ind., Marion—See "Bridges."
Ia., Marshalltown—See "Miscellaneous."
S. D., Leola—See "Water-Works."
Wash., Ritzville—See "Bridges."
Cal., Modesto—See "Bridges."
Ont., Sudbury—See "Bridges."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Cambridge**—See "Industrials."
★**N. Y., Poughkeepsie**—See "Bridges."
★**Pa., Lansdowne**—See "Buildings."
★**Fla., Ft. Myers**—See "Bridges."
★**O., Barberton**—See "Bridges."
O., Columbus—See "Bridges."
★**Ind., Indianapolis** — See "Industrial Works."
★**Cal., San Jose**—See "Bridges."
★**Ont., Windsor**—See "Bridges."

STREETS AND ROADS

Massachusetts — State Highway Comn., Boston, rejected bids building highway in Egremont and Sheffield. Noted Aug. 2.

R. I., Woonsocket—City plans to improve various streets. About $28,299. F. H. Nullo, city engr.

N. Y., Carthage—City voted $10,000 bond issue for brick paving on North Mechanic St. and macadam paving on Furnace St.

N. Y., Troy—(Official)—Rensselaer Co. sold $75,000 bonds to build roads. Noted Aug. 16.

N. J., Elizabeth—Union Co. Bd. Freeholders plan to pave north side Westfield Ave. J. L. Bauer, co. engr.

N. J., Hightstown—City Council plans improving South St. and extending sewerage system in Summit St.

N. J., Linden—Boro. Council soon receives bids paving road between here and Rahway. J. L. Bauer, Elizabeth, twp. engr.

N. J., Westfield—City Council plans $37,000 bond issue for sidewalk and road improvements. A. W. Vois, city engr.

Pa., Beaver Falls—City soon lets contract, grading 7th, 8th and 14th Aves., laying sidewalks on 3rd, 12th and 14th Aves. E. S. Donaldson, city engr.

Pa., Dubois—Council to issue $22,000 bonds to pave and repair streets. A. L. Bouton, city engr.

Pa., Dubois—City soon lets contract repaving Boulevard, tarvia, and South Franklin St.; also building bridge over Sandy Creek. J. D. Flink, Harrisburg, engr.

West Virginia—State Highway Comn., Charleston, plans road contruction in 55 counties. About $446,036.

W. Va., Parkersburg—(Official)—City receives bids about Sept. 18, paving, steel grading, and curbing on portions Ann, Charles, George, Spring, 29th, 22nd Sts., sand and gravel, 3-in. concrete base; Depot St., concrete. About $46,000. W. M. Hall, city engr. Noted Aug. 9.

N. C., Wilmington—See "Water-Works."

Ga., Columbus—Polk Co. voted $10,000 bonds to build roads.

Fla., Key West—Monroe Co. voted $100,000 bonds to build hard surfaced road from Key West to Stock Island. Noted Aug. 2.

Fla., Lake City—Columbia Co. plans to vote on $500,000 bond issue to hard surface roads.

Miss., Ellisville—Jones Co. sold $200,000 bonds to build 126 roads in county. Noted July 5.

Miss., Ellisville—Jones Co. Bd. Supvrs., Laurel, plan building roads in Beat 1, 2 and 3. About $100,000.

Miss., Hattiesburg—Bd. Supervs. Forrest Co. plan to build 2-mi. road from Rawis Springs to Lux, also road to Camp Shelby. About $30,000.

Tenn., Greeneville—Greene Co. Comrs. soon let contract road improvement. About $200,000. C. E. Coile, co. engr.

Tenn., Springfield—Robertson Co. Court sold $50,000 bonds to improve turnpikes. Noted Aug. 9.

O., Akron—City Council plans paving, grading, curbing, constructing sidewalks, sewer laterals and water service connection in Ido St. J. A. Gehres, city engr.

O., Bryan—Williams Co. sold $108,000 bonds for road improvements. Noted Aug. 9.

O., Cleveland — City to issue $200,000 bonds to repave Superior Ave. R. Hoffman, city engr.

O., East Cleveland—(Cleveland P. O.)—Town plans draining, curbing and paving Mannheim Ave., brick.

O., Findlay—City plans paving portion Baldwin Ave., brick; also oiling West St. for 1 year. W. K. Stringfellow, city engr.

O., Sandusky — Sandusky Co. will sell $32,000 bonds to improve roads. F. R. Smith, co. aud.

O., Xenia—(Official)—City election Nov. 13 to vote on $17,000 bond issue as city's share in $150,000 street improvement work. Work involves paving 10 streets, sanitary and storm water sewers. J. P. Shumaker, city engr. Noted Aug. 16.

Ind., New Albany—Floyd Co. sold $31,000 bonds to build roads. C. A. Sittason, co. treas.

Ill., Pittsfield—Pike Co. Comrs. plan to extend state road toward Griggsville. About $16,000.

Ill., Tuscola—Douglas Co. soon let contract building brick road south and west of Newman.

Wis., Madison—City plans to pave portion North, Russell and Helena Sts. and Yahara Pl. W. G. Kirchoffeffr, 22 North Carroll St., engr.

Ia., Davenport—Bd. Pub. Wks. plans grading streets. About $15,000. R. E. Sawistowsky, city engr.

Ia., Ottawa—La Salle Co. had plans prepared brick road Otter Creek Twp., 5300 ft., 15 ft. wide. About $24,934.

Ia., Sioux City—Woodbury Co. Comrs. plan to pave Sioux City-Correctionville Rd., 1 mi. concrete; also Sioux City-Smithland Rd. About $190,000.

Minn., Duluth—Pub. Wks. Comn. plans paving Railroad St. and building road under Garfield Ave. W. E. Ayres, city engr.

Minn., East Brainard—(Brainard P. O.)—City plans paving portions Main and 9th Sts.

Kansas—State Highway Comn., Topeka, plans to hard-surface Van Horn Rd. between Kansas City and Independence.

Kan., Oswego—Labette Co. had plans prepared improving 20 mi. permanent hard surface roads. About $60,000.

Neb., Nebraska City—(Official)—Otoe Co. rejected bids grading 20,000 cu.yd. road. Noted Aug. 9.

Streets and Roads (Continued)

Mont., Helena—City plans to pave portion 6th Ave., 5-in. base, brick or 6-in. rein-con. base. About $80,000. J. D. McLeod, city engr.

Mo., Albany—City Council plans paving portions Polk, North Hundley and East Clay Sts.

Mo., Alton—Oregon Co. Court plans opening Stikes Rd. and will survey proposed road from Howell Co. line to Thayer.

Mo., Caruthersville—Pemicott Co. plans $500,000 bond issue to improve roads.

Mo., Doniphan—Ripley Co. plans election Oct. 2 to vote on $200,000 bond issue to improve roads.

Mo., Nevada—Vernon Co. had plans prepared building road in Center Twp., sandstone base, 6 in. thick and 16 ft. wide with gravel surface 4 in. thick 16 ft. wide.. A. Wood, co. engr.

Mo., New London—Ralls Co. election Sept. 21 to vote on $250,000 bonds to improve roads.

Mo., New Madrid—New Madrid Co. voted $850,000 bonds to improve roads.

Mo., Oregon — Holt Co. plans $800,000 bond issue to improve roads.

Mo., Springfield—Greene Co. election soon to vote on $10,000 bond issue to build roads in Galloway Dist. L. Luster, atty.

Ark., Perryville—Perry Co. Road Improv. Dist. No. 1 sold $95,000 bonds to construct 26 mi. of road.

Texas—State Highway Comn., Austin, plans Tex-O-Kan road through several counties, involving grading, ditching, hard surfacing, clay, sand or gravel with clay binder and concrete culverts.

Tex., Corsicana—Comrs. Court of Navarro Co. plans election Sept. 13 in Rd. Dist. No. 1 to vote on $200,000 bond issue for good roads.

Tex., Corsicana—Comrs. Court of Navarro Co. plans election Sept. 15 in Richland Rd. Dist. to vote on $80,000 bond issue to build roads.

Tex., Dallas—County defeated $1,000,000 bond issue to construct permanent highways. Noted July 26.

Tex., Eastland—Eastland Co. defeated $130,000 bond issue for roads in Dist. No. 1. Noted July 26.

Tex., Greenville—Hunt Co., Rd. Dist. No. 2, voted $100,000 bond issue to build roads. Noted July 19.

Tex., Houston—Harris Co. will sell $1,100,000 bonds for building roads. Noted June 7.

Tex., Palestine—Comrs. Court Anderson Co. plan election Sept. 15 to vote on $20,000 bond issue for roads in Dist. No. 2.

Okla., Ada.—(Official)—Pontiac Co. sold $523,000 bonds to build roads and bridges. Noted Aug. 9.

Okla., Ada—City plans paving in Dist. No. 4, asphaltic concrete. About $50,000. Benham Eng. Co., 1300 Colcord Bldg., Oklahoma, engrs.

Okla., Anadarko—Latham Twp., Caddo Co., election soon to vote on $25,000 bonds to build roads.

Okla., Eufaula—McIntosh Co. voted $50,000 bond issue to improve roads. A. J. Wells, Canadian, co. clk.

Okla., Newkirk—City plans paving 30,000 yd. in business section. About $65,000. Benham Engr. Co., 1300 Colcord Bldg., Oklahoma, engrs.

Okla., Okmulgee—Okmulgee Co. having plans prepared by Harrington, Howard & Ash, engrs., Arear Leslie Bldg., Kansas City, Mo., for county road system.

Idaho, Grangeville—Idaho Co. election, Oct. 27, to vote on $100,000 bond issue to build Stites Clearwater Highway.

Idaho, Grangeville — Grangeville Highway Dist. defeated $15,000 bonds to build roads. Noted July 12.

Idaho, Mackay—Council passed ordinance building 20 blocks cement walks; 4 blocks to be 8 ft., remainder 5 ft. wide.

Idaho, St. Anthony—Council passed resolution building cement sidewalks on certain streets and avenues. About $20,000.

Idaho, Wallace—City rejected bids paving in Dist. No. 7. New bids. Noted Aug. 23.

Utah, Provo—Utah Co. Comrs. plan concrete highways throughout entire length of county. About $93,000.

Utah, Salt Lake City—Salt Lake Co. election soon to vote on $22,000 bonds to improve roads.

Ariz., Clifton—Greenlee Co. sold $200,000 bonds to build Clifton-Springerville Highway. Noted June 21.

Ariz., Holbrook—Navajo Co. Highway Comrs. sold $160,000 bonds to build roads. Noted May 31.

Wash., Bellingham—City Council passed resolution paving portion Army St., asphalt, 24 ft. wide, 6-in. concrete sidewalk on 1 side. About $30,000. C. Lindberg, city engr.

Wash., Seattle—City had plans prepared paving Wilson Ave., $253,630; portion Stoneway St., $15,856; East 50th St., $109,000. A. H. Dimock, city engr.

Wash., South Bend—Pacific Co. recently sold $275,000 bonds to improve roads. Noted Aug. 2.

Wash., Tacoma—Pierce Co. Comrs. plan election soon to vote on $1,000,000 bond issue to build scenic highway to American Lake Cantonment, Camp Lewis.

Oregon—State Highway Comn., Salem, plans to hardsurface road from Pendleton to Eastern Oregon State Hospital and to pave Kild Horse Rd., Pendelton to Blakely Station, 16 ft. wide.

Ore., Eugene—Lane Co. soon lets contract building portion North Fork Highway, to form a connecting link between Eugene and Florence. H. W. Libby, co. engr.

Ore., Pendelton—Council passed resolution paving portions Jackson and Madison Sts. About $25,000.

Cal., Corte Madra—City voted $50,000 bonds to build streets.

Cal., El Cajon—City plans election Sept. 25 to vote on $11,500 bond issue for paving state highway through town, concrete.

Cal., Santa Barbara—City having plans prepared improving Del Mar to Booth Point highway. About $15,000. A. B. Cook, city engr.

BIDS DESIRED

N. Y., New York—Until Sept. 6, by D. Mathewson, boro. pres., Bronx Boro., improving portions of Spofford, Rhinelander, Sackett, Webster and University Ave., East 138th, Buck and Purdy Sts., Boston Rd. and Butler Pl. by grading, curbing, paving and repaving, laying sidewalks and crosswalks, building inlets, drain, receiving basins and sewers.

N. J., Avalon—Until Sept. 7, by Borough Council, grading, graveling, curbing and cement sidewalks on 7th, 15th and 33rd Sts. and Wirst Ave. W. H. Collisson, Jr., Ocean City, boro. engr.

N. J., Freehold—Until Sept. 5, by Bd. Freeholders, Monmouth Co., reconstructing Tennent-Englishtown Rd., gravel surface on slag foundation, 1940 compacted cu.yd. C. E. Close, clk.

N. J., Paterson—Until Sept. 5, by Bd. Freeholders, Passaic Co., improving Midvale and Greenwood Lake Rd. to West Milford Twp. W. Botbly, clk.

N. J., Union—Until Sept. 4, by City Council, repaving and improving portions Gardner St. About $15,000. T. F. Bowe, city engr.

Md., Towson—Until Sept. 6, by Baltimore Co., building 1-mi. Falls Rd., concrete. H. J. Gallagher, clk.

Fla., Kissimmee—(Official)—Until Sept. 17, by J. L. Ocerstreet, clk., Osceola Co., building road from Kissimmee to Loughman, Dists. Nos. 1 and 2, brick. Noted July 12.

Miss., Yazoo City — Until Sept. 4, by Comrs. Yazoo Co., Dist. No. 1, improving roads involving 6.9-mi. grubbing 80,000 cu. yd. grading, installing 200 lin.ft. 12-in., 300 ft. 15-in., 200 ft. 18-in. and 150 ft. 24-in. culvert pipe, 13 cu.yd. plain and 392 cu.yd. rein.-con.

La., Cameron—(Official)—Until Sept. 22, by Cameron Co. Bd. Supers., Rd. Dist. No. 1, grading, bridging and metalling road in Hackberry, 5.5 mi. T. H. Mandell, Lake Charles, engr. Noted Aug. 9.

O., Cincinnati..Until Sept. 4, by C. F. Hornberger, dir. pub. ser., improving and paving portions Maple Leaf Ave. F. Krug, city engr.

O., Cleveland—Until Sept. 5 (change of date) by city grading, draining, curbing and paving portion East 141st St. R. Hoffman, city engr. Noted July 19.

Mont., Butte—(Official)—Until Sept. 5, by C. H. Tracy, city clk., repaving streets in Dist. No. 243, vitr. block or wood block, $21,901; No. 244, same material, $16,901; No. 245, bitulithic or asphaltic concrete, $8304; W. H. Ellis, city engr. Noted Aug. 16.

Mo., St. Louis—Until Sept. 7, by Bd. Pub. Ser., paving portions Varrellmann, Ethel, and Colorado Aves.; also building sewers in Glaise Creek Sewer Dist. No. 18. E. R. Kinsey, pres.

Idaho, Wallace—Until Sept. 10, by H. H. De Long, city clk., paving portions several streets, including concrete gutters. About $13,000.

Washington—Until Sept. 10, by State Highway Comn., Olympia, grading, draining and surfacing roads as follows: Stevens Co., State Rd. No. 22, 6 mi.; Clarke Co., Pacific Highway, 3.6 mi.; Kittias Co., Sunset Highway, 2 mi.; Columbia Co., Inland Empire Highway, 6 mi.; Walla Walla Co., Inland Empire Highway, 5½ mi.

Wash., Ephrata—Until Sept. 5, by Grant Co. Comrs., graveling 3½-mi. highway north of Coulee City.

Oregon—Until Sept. 5, by State Highway Comn., Salem, building 3 units Pacific Highway in Douglas Co.

California—(Official)—Until Sept. 11, by State Highway Comn., 515 Forum Bldg., Sacramento, grading state highway in Humboldt Co., 7.2 mi. A. B. Fletcher, highway engr.

Cal., San Jose—Until Sept. 4, by Bd. Supervs. Santa Clara Co., improving Bodfish Mill Rd., Dist. No. 1; Santa Clara and Alviso Rd., Dist. No. 4. H. A. Pfister, co. clk.

Cal., Ventura—(Official)—Until Sept. 6, by Ventura Co., paving and grading Main St., 1.42 mi. concrete, 16 ft. wide, 4 in. thick; surfacing Telegraph and Nordhoff Rds., concrete, 1,193,000 sq.ft. J. B. McCloskey, clk.

Cal., Visalia—Until Sept. 15, by Bd. Superv., Tulare Co., paving 8 mi. road in Tulare-Paige Div., 8 mi. in Exeter-Merryman Div., 9 mi. in Dinuba-Kingsburg Div., concrete.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Massachusetts**—State Highway Comn. let contract building highway in Sagus, Malden and Melrose to Rowe Contg. Co., Malden, $30,494. Noted Aug. 16.

Massachusetts — State Highway Dept., Boston, received low bids paving section Fitchburg Highway, from R. E. Bull, Fitchburg, $22,313; R. F. Hudson, Melrose, $27,038; C. E. Horne, Millbury, $30,026; section Littleton Highway, J. C. Collins, Andover, $17,170; Framingham Constr. Co., Framingham, $19,970. Noted Aug. 16.

Mass., Boston — (Dorchester) — City received low bids paving Dorchester Ave. from B. E. Grant, 101 West Cedar St., $27,835; J. F. Lynch, 143 Tonawanda St., $32,629; West Roxbury Trap Rock Co., Grove and Centre St., West Roxbury, $32,958.

Mass., Malden—City received low bids, Aug. 16, paving 4200-sq.yd. granite block pavement on 6-in. concrete base, from Simpson Bros., 166 Devonshire St., Boston, $3.95 per yd. C. W. Dolloff & Co., 20 Central St., Boston, $4.45 per sq.yd.

N. Y., New York—R. C. Harris, comr. docks, Pier "A" Battery Pl., received low bids Contr. No. 1572, paving Marginal St. between 44th and West 47th St., granite block, concrete foundation, from J. J. B. La Marsh, Inc., 26 Court St., Brooklyn, $44,926; Rosentahl Eng. & Contr. Co., Inc., 145 Hooper St., Brooklyn, $45,936; M. J. O'Hara, New York, $46,656. Noted Aug. 16.

★**N. J., Bayonne**—City let contract paving West 39th St., asphalt, to T. S. Crichfield, 54 5th St., Hoboken, $25,000. Noted July 12.

N. J., Jersey City—Hudson Blvd. Comrs. received low bid resurfacing Hudson Blvd. between Central R.R. of New Jersey near 8th St. to 36th St., Bayonne, from C. T. Cavanaugh, 34 W. 55th St., Bayonne, $12,000. Noted Aug. 9.

★**N. J., North Bergen** — (Weehawken P. O.)—Hudson Co. Park Comn., Jersey City, let contract paving walks North Hudson Co. Park, bituminous concrete, to Clinton Constr. Co., 306 Charles St., West Hoboken, $70,500. Noted July 19.

★**Pa., Brownsville**—Town let contract paving, curbing and grading New Water St. to Crosson Co., Brownsville, $30,706. Noted Aug. 9.

★**Pa., Dubois**—City let contract repaving North Brady St. to T. Munro, Dubois. Noted July 12.

★**Pa., Erie**—City let contract paving East Ave., to Mayer Bros. Constr. Co., Commerce Bldg. About $16,230.

Pa., Phila.—Dept. Pub. Wks. received low bids paving League Island Park, 45,000 sq.yd. asphalt and 40,000 sq.yd. bituminous macadam, from E. H. Vare, Lincoln Bldg., $185,920; portions 10 streets, asphalt, Barbour Asphalt Co. and Phila. Paving and Constr. Co., 1345 Arch St., $49,100; portions Wolf, Wood and 18th Sts., wood block, Anderson & Snyder and E. C. Fish & Co.

Streets and Roads (Continued)

★Pa., **Phila.**—City let contract roadbed on Germantown Rd. and Willow Grove Pike to Ambler, Davis & Co., Denckla Bldg.

★Va., **Staunton**—(Official)—City let contract paving Middlebrook Ave. to W. Larner Co., Staunton, $10,000. Noted June 14.

★Tenn., **Savannah**—(Official)—Highway Comm. let contract building following roads in Hardin Co.: 8 mi. to Childus & Smith, Hamburg, $9500; 6 mi. to E. Begbie, Olmens Hill, $9500; 6 mi. to J. L. Ledbette, Right, $9000. Noted Aug. 2.

★Ky., **Paducah**—McCracken Co. let contract paving and improving roads to L. E. Figg, Louisville. About $200,000.

★O., **Lancaster**—(Official)—City let contract paving portion West Wheeling St. to Wilson & Beckler, Lancaster. About $20,338. Noted Aug. 16.

★O., **Lima**—City let contract paving portions High St., wood block, High, North West, Baxter, South West, North Sts. asphalt, to Andrews Asphalt Co., 1413 Holmes Bldg.; portions Buckeye, Baker, and Court Alleys, brick, to Summers & Hardin, 225 Holland St. Noted July 26.

★O., **Medina**—City let contract paving and grading Prospect, South Bway., Smith Rd. and North Court St., vitr. brick, concrete base; setting curbs, building storm sewers, culverts, drains and retaining walls to Buckeye Eng. Co., Norwich. Noted Aug. 2.

★O., **Oxford**—(Official)—Village let contract paving High St. to L. P. Meredith, Richmond, Ind. About $17,000. Noted Aug. 16.

★O., **Sand Springs**—City let contract paving 30,000 yd. asphaltic concrete in Dist. No. 2, to F. P. McCormick, St. Louis, Mo. About $79,300. Noted Aug. 9.

★O., **Toledo**—City let contract repaving Stickney Ave. to Russell & Jennison Co., $63,224; Oak St. and car tracks to H. P. Streicher Co., Terminal Bldg., $56,302 and $36,797 respectively; improving Valleywood Dr. to Asphalt Block Paving Co., 842 Ohio Bldg., $8995. Noted June 14.

Ind., Huntington — (Official) — Bd. Co. Comrs., Huntington Co., let contract gravel road to S. H. Palmer, R. R. No. 5, Huntington. About $17,000. Noted July 26.

Ind., Indianapolis—Bd. Pub. Wks. received low bid paving streets (a) asphalt, (b) bituminous concrete, as follows: 43rd St., Republic Constr. Co., 1614 Merchants Bank Bldg., (a) $4.35, (b) $4; Union Asphalt Constr. Co., 308 Amer. Central Life Bldg., $5.03, (b) $4.67; American Constr. Co., 108 North Delaware St., (a) $5.22. Noted Aug. 9.

★**Ind., South Bend**—(Official)—City let contract paving Miami St. to Western Constr. Co., Phœnix Bldg., Iowa City, Ia., Eddy St. and Mishawaska Ave., sheet asphalt, to A. H. White Co., 1600 Railway Exchange Bldg., Milwaukee, Wis., $184,500. Noted Aug. 23.

Mich., Escanaba—Town received low bids paving portions Stephenson Ave. (a) crushed stone, (b) bitulithic, from General Contr. Co., 1254 Plymouth Blvd., (a) $2, (b) $1.69; C. Hall & Co., Duluth, (a) $2.10, (b) $1.73. Noted Aug. 16.

★**Illinois**—State Highway Dept., Springfield, let contract paving Grandview Rd. to A. J. Parrish, Paris, $16,389.

★**Ill., Danville**—(Official)—Bd. Local Improv. let contract paving portion Robinson St. to J. C. Poel, Danville, $11,355. Noted Aug. 9.

★**Ill., Hillsboro**—City let contract paving Hamilton, Brailey, Springfield Rd. and Water St. to Sell & Koeller, 517 Millilin Bldg., Peoria. Noted Aug. 23.

★**Ill., Jacksonville**—City let contract paving in loop district, creosoted wood block, to J. E. Bretz, 224 Zast Union St., Springfield, $34,454. Noted Aug. 9.

★**Ill., Pontiac**—(Official)—City let contract paving Hazel and Cross Sts. to R. Lobb & Son, Pontiac, $42,500. Noted Aug. 9.

★**Wis., Oconto**—City Council let contract 28,000 sq.yd. asphalt paving, curbing and guttering to White Constr. Co., 1600 Ry. Ex. Bldg., Milwaukee. About $62,000.

★**Wis., Racine**—City let contract paving portions West Prospect St., asphalt, to Western Improv. Co., 840 Racine St., $2.18 per sq.yd., curb and gutter, 72c.

★**Ia., Burlington** — (Official) — City let contract paving 1-mi. Bluff Rd. to Kael Hucke, Burlington, $11,016; portion Main St. to Burlington Constr. Co., Burlington, $2.09 per sq.yd. Noted Aug. 16.

Ia., Des Moines—City received low bids paving Beaver Ave., (a) brick with monolithic filler, (b) brick with bituminous filler, (c) concrete from C. W. Wagner Co., Union Station (a) $256,330, (b) $262,435, (c) $230,077; Akin & Slutter, Corning, (a) $225,892, (b) $238,092, (c) $199,936; S. J. Krage Sioux City, (c) $157,741.

★**Ia., Rock Island**—Rock Island Bd. Local Improvs. let contract paving portion 6th Ave., asphaltic concrete and building boulevard on same to McCarthy Improv. Co., 220½ Main St., Davenport, $2.05 per yd., concrete curb and gutter, $0.65, excava., $1.40, curbing, $0.43.

★**Miss., Bemidji**—Betrami Co. Comrs. let contract grading and paving Jefferson Highway to Leet Bros. About $11,232.

★**Minn., Duluth**—Bd. Pub. Ser. let contract improving portion Faribault St. to A. A. Bodin & Sons. About $10,000. Noted June 14.

★**Kan., Great Bend**—City let contract asphaltic concrete paving to M. R. Ammerman, Salina, $40,000. Noted Aug. 9.

Neb., Central City—City let contract paving Dist. No. 1, Trinidad asphalt, to E. D. Tyner Constr. Co., Central City, $1.84 per sq.yd.

★**Mont., Billings**—(Official)—City let contract paving 7360 sq.yd. in Dist. No. 157 to Warren Constr. Co., Billings. About $20,818. Noted Aug. 9.

★**Mo., Caruthersville**—(Official)—City let contract paving portions West 6th St., tarvia filled macadam with concrete curbs and gutters to J. H. Hinerman Co., Springfield, $89,000. Noted July 26.

★**Mo., Sedalia**—Sedalia Twelve Mi. Special Rd. Dist., Pettis Co., let contract graveling roads to Wm. Imhauser, 82c.

★**Okla., Bristow**—City let contract paving to Park-Moran Paving Co., Okmulgee. About $10,947.

★**Okla., Sapulpa**—City let contract paving 27 blocks to Parker Washington Co., Oklahoma, $84,000.

★**N. M., East Las Vegas**—City let contract building bitulithic pavement on several streets to Morton Bros. About $80,000.

★**Idaho, Lewiston**—Nez Perce Co. Comrs., Lapwai Valley Highway Dist., let contract grading lateral highway from Sweetwater to Webb Ridge, 5 mi., to H. Kester, Lewiston.

★**Idaho, Lewiston**—City received low bids paving Dist. No. 11, from C. M. Payne, 724 East Mission St., Spokane, $25,541; Dole & Son, Lewiston, $25,829. Noted May 24.

★**Idaho, Wallace**—City let contract paving Improv. Dists. Nos. 6 and 8, 15,754 sq.yd., 2-in. bitulithic surface, 3-in. macadam base, to H. J. Kaiser, 312 Colby Bldg., Everett, Wash., $1.52 per yd. Noted Aug. 23.

★**Wash., Mt. Vernon**—Skagit Co. Comrs. let contractpaving Cook Rd., one course concrete, to Grant & Ervig, Everett. About $59,105. Noted Aug. 16.

★**Wash., Seattle**—(Official)—King Co. Comrs. let contract Kirkland-Houghton Rd. to Moraine Gravel Co., 304 Ry. Ex. Bldg. About $11,700. Noted Aug. 9.

★**Wash., Seattle**—Bd. Pub. Wks. let contract paving Roy St. to James Constr. Co., 812 2nd Ave., N., $42,508. Noted Aug. 23.

★**Wash., Tacoma**—City let contract paving portion Pacific Ave. to Independent Paving Co., 2601 Railroad Ave., Seattle, $12,065. Noted June 28.

Cal., Las Angeles—City received low bid paving in Rd. Improv. Dist. No. 1, concrete, bituminous surface, from J. S. Miller, $16,850; E. S. Groshong, $17,000; Holland Constr., $18,217. Contractors all of Los Angeles.

★**Cal., Redding**—Conners, Green & Co., Eureka, have sub-let contract concrete work on 11 mi. state highway to A. Anderson, Redding. Noted June 21.

Cal., Sacramento—City received low bid building Riverside Rd. from Contra Costa Constr. Co., 2323 Shattuck St., Berkeley, $24,328; Plymouth Rd. from L. S. Atkinson, 610 South Bway., Los Angeles, $19,953.

★**Cal., San Diego**—City let contract paving Sect. 1, Linda Vista Rd. to army cantonment to J. Engebretsen, 614 5th St., $53,993. Rooney-Wyckoff Co., formerly awarded contract withdrew its bid. Noted Aug. 9.

★**Cal., San Jose**—Santa Clara Co. let contract improving Lucretia and Fair Aves. to F. Wehner, 1041 South 1st St., $7285; Senter Rd., J. F. Adams, 621 Home St., $3585; Montague Rd. to Raisch Improv. Co., Crocker Bldg., San Francisco, $16,770. Noted June 21.

★**Cal., Santa Barbara**—City let contract paving portions Bath St., warrenite, constructing cement and stone curbs, gutters, vitr. pipe sewers and storm drains, to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles. About $61,043. Noted Aug. 9.

Cal., Taft—City received low bids Warrenite paving and constructing cement curbs and sidewalks on all streets, from Federal Constr. Co., Fresno. About $167,115.

Cal., Tulare—City received low bids paving 2.3 mi. streets, concrete, from W. A. Kettlewell & Sons, Kingsburg. About $39,000. Noted July 12.

Cal., Viscalia—Tulare Co. received low bid paving 2.3 mi. streets connecting county and state highway from W. A. Kettlewell & Sons, Kingsburg, $39,000.

★**N. S., Glasgow**—City let contract 6200 sq.yd. bitulithic pavement to Warren Bituminous Paving Co. of Ontario, Ltd., Toronto. About $15,000.

RAILWAYS—STEAM & ELECTRIC

Proposed Work

Georgia—N. P. Pratt, 88 Auburn Ave., Atlanta, and associates plan to build railway from Clermont to property of Pyrites & Chemical Corp. on Chestatee River, 9 mi.

Ohio—Toledo Ry. & Light Co., Toledo, will double-track Dorr St. Line in connection with paving to be done by city. About $90,000. J. M. Enright, Toledo, mgr. rys.

Iowa—Chicago, Rock Island & Pacific R.R. will improve right-of-way between Cedar Rapids and West Liberty relaying 80-lb. rails over 40 mi. of main line with 100-lb. rails; about $100,000. Company also plans to improve line between Vinton and Manly; $175,000. C. A. Morse, Chicago, ch. engr.

Colorado—William V. Shenk, Globe, Ariz., represents syndicate which proposes to build electric railway from southwestern part of Colorado through Arizona and northern Mexico extending to Gulf of California. Project includes huge dam on Colorado River 60 mi. from Arizona-Utah line, 200,000-hp. hydro-electric plant and port on gulf. Preliminary work will cost about $500,000 and entire project $50,000,000.

New Mexico—H. M. Gray, Las Cruces, and associates, plan interurban electric railway between Las Cruces and El Paso, Tex., about 44 mi., to run through irrigated portion of Rio Grande Valley.

Arizona—Southern Pacific Co. will double-track line from Stockham 3 mi. west of Palvo and 4 mi. east of Tucson. W. Hood, Flood Bldg., San Francisco, ch. engr.

California—See "Miscellaneous," Blythe.

California—Oakland, Antioch & Eastern Ry. and Western Pacific R.R. have entered into agreement whereby latter will finance construction of branch to tap Suisun and Vaca Valley to extend from point on Oakland, Antioch & Eastern main line from Montezuma to Suisun, where connections will be made with branch Northern Electric Ry. About $500,000. H. A. Mitchell, Oakland, secy., treas. and genl. mgr. of former, T. J. Wyche, San Francisco, ch. engr. of latter.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Indiana**—Pennsylvania R.R. let contract 3rd track between Trimmer Junction and Boone, 6.4 mi., to P. Clifford & Son, Valparaiso, about $500,000.

★**Missouri**—City & Leeds Ry., recently incorporated, let contract 3-mi. line from 31st St. to city limits, via Leeds, Kansas City, to Clinton Constr. Co., Kansas City. Howard Ross, 3526 Wyandotte St., Kansas City, interested.

EXCAVATION AND DREDGING

Proposed Work

Fla., Miami—Canal—See "Sewers."

Ill., Lewiston—Comrs. West Matanzas Drainage & Levee Dist. received no bids, Aug. 10, laying 4200 ft. 16-in. tile. Goodell & Millard, Beardstown, engrs. Noted July 26.

N. D., Grand Forks—Ditch—Grand Forks Co. sold $216,000 bonds to build drainage ditch. H. Anderson, co. aud.

Mo., St. Joseph—Ditch—Buchanan Co. will build drainage ditch to carry overflow water of Platte and One Hundred and Two Rivers. About $40,000.

N. M., Santa Fe—Irrigation—Field Bohart, 1819 North Cascade St., Colorado Springs, purchased 45,000 acres in Rio Arriba Co. and will build system.

Utah, Millard — Irrigation — Citizens of Oasis and Deseret, Millard Co., voted $450,000 bonds for system.

Wash., Pasco—Irrigation—Franklin Co. created irigation district No. 1 involving about 12,000 acres of land.

Excavation and Dredging (Continued)

Wash., Walla Walla—Irrigation—Residents on Attalia Irrigation Dist. plan to rebuild system in west end of Walla Walla Co. on Snake River. Bonds for $125,000 voted for work.

Ore., Corvallis — Drainage — Oak Creek D. D., Benton Co., had plans prepared. About $21,350.

Cal., Blythe—Ditches—See "Miscellaneous."

Cal., Imperial—Irrigation—Geo. H. Reed, Imperial, granted permit by State Water Comn., San Francisco, to divert 37 second feet of water from New River for irrigation. Plans include earth dam and ditch 3 mi. long. About $23,000.

Cal., Willows—Irrigation—Jacinto Irrigation Dist., Glenn Co., will construct system to irrigate 20,000 acres land.

Ont., Ojibway—Canal—See "Miscellaneous."

B. C., Victoria — Irrigation — Dept. of Lands plans to install system to be fed by pipe line 27 mi. up north fork of Kettle River to reclaim 3000 acres of Grand Fork Valley. About $500,000.

BIDS DESIRED

Tenn., Trenton — (Official) — Dredging — Until Sept. 8, by Bd. Dir. D. D. No. 4, Gibson, Crockett and Madison Cos., for dredge work and clearing of right-of-way, consisting of 13 contracts. L. T. Berthe, Charleston, Mo., engr.

Ia., Estherville—Ditch—Until Sept. 4, by J. J. Klopp, co. aud., for D. D. No. 120, Emmet Co.

Ia., Hampton—Drainage—Until Sept. 12, by E. D. Haecker, aud. Franklin Co., for D. D. No. 52 requiring 56,850-ft. 6-, 7-, 8-, 10-, 12-, 14-, 18-, 20-, 22-, 24-, 30- and 32-in. tile, 499 ft. 22-in. sewer pipe, 1 bulkhead, 9 catch basins, etc.; D. D. No. 58 requiring 77,425 ft. 6-, 7-, 8-, 10-, 12-, 14-, 16-, 18-, 20-, 22-, 24- and 26-in. tile, 1 bulkhead, 18 catch basins, etc.; D. D. No. 55 requiring 72,750 ft. 6-, 7-, 8-, 10-, 12-, 14-, 15-, 16-, 18-, 22-, 24-, 26-, 28- and 34-in. tile, 1 bulkhead, 7 catch basins, 53 junctions, etc.; D. D. No. 54 requiring 40,280 ft. 6-, 7-, 8-, 10-, 12-, 15-, 16-, 18- and 28-in. tile, 620 ft. open ditch, lowering and relaying 400 ft. 28-in. tile, 1 bulkhead, catch basins, etc. G. H. Mack, Hampton, engr.

Minn., Walker—Ditch—Until Sept. 10, by C. B. Bacon, co. aud., for Judicial Ditch No. 6, Cass and Wadena Cos., requiring 70,234.8 cu.yd. excava. on main ditch and 18,724.1 cu.yd. on 3 laterals, 3 16-ft. steel and wood bridges, 1 5 x 36-in. x 26-ft. corrugated metal culvert; about $13,058. R. A. Dahms, Park Rapids, engr. Noted May 3.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Ill., Paxton—(Official) — Redredging—Cloud & Thompson, attys., Paxton, let contract redredging main ditch, Union D. D., length 59,745 ft., yardage 209,086 cu.yd., to Richland Contr. Co., Richland, 12c. Noted Aug. 9.

Wis., Madison—Ditch—Dane Co. received bids Sun Prairie Ditch requiring 179,190 cu.yd. excava. from Schultz & Beck, South Milwaukee; Rood Constr. Co., Grand Rapids; Monona Dredging Co., Madison; K. W. Fisher, Hebron, Ind.; Carpenter & Dilly, Chicago; T. J. Dilley, Hebron, Ind.; Wisconsin Drainage Co.; Elkhorn; Seth Day, Dubuque. P. Hintze, Madison, engr.

★Ia., Sac City—(Official)—Drainage—Sac Co. let contract Sect. 1 of Big Cedar D. D. No. 181, Sac, Buena Vista, Pocahontas and Calhoun Cos., to W. M. Lana, Council Bluffs, 8½c. per cu.yd.; Sects. 2, 4 and 5, Sprankle Co., 603 Amer. Natl. Bank, Oklahoma, 7.9c.; Sects. 3, 6, 7, 8, 9, 10, 12, 13, 14 and 15, Northern Constr. Co., Elkhart, Ind., 9.65c. Noted Aug. 16.

★Minn., Center City—Ditches—Chicago Co. let contract 32 mi. ditches to Foley, Young & Peabody, 218 Merchants Bank Bldg., St. Paul, $48,639.

★Minn., Detroit—Ditch—Becker Co. let contract Judicial Ditch No. 2 requiring 34,905 cu.yd. excava. to Baer Bros., Frazee.

★Minn., Mora—(Official)—Ditch—Kanabec Co. let contracts Ditch No. 11 to Rood Constr. Co., Grand Rapids, Wis., $23,781, and Lawrence Constr. Co., Grand Rapids, Minn., $16,221. Noted Aug. 16.

Minn., New Ulm—Ditch—Brown Co. received low bid Ditch No. 33 from F. Aufderheider, New Ulm, $95,200. Noted July 26.

★N. D., Fargo—Drainage—Cass Co. let contract D. D. No. 21-A requiring 120,000 cu.yd. excavation to W. J. Hoy & Co., 700 Metropolitan Life Bldg., St. Paul.

★N. D., Fargo—Drainage—Cass Co. let contract D. D. No. 14-B requiring 800,000 cu.yd. excava. to W. J. Hoy & Co., 700 Metropolitan Life Bldg., St. Paul; Lawrence Constr. Co., Kindred Ave., Grand Rapids, Minn.; Northwestern Drainage Co., Grand Rapids, Wis.

★Idaho, Twin Falls—Canal Work—Twin Falls Canal Co. let contract 10 concrete structures on Lower Line Canal to R. W. Faris, 1021 Harrison Blvd., Boise, $38,293; 5 structures to C. H. Mull, Twin Falls, $5650; enlarging canal to J. W. Monarch, 1414 North 7th St., $11,950. Noted Aug. 9.

★Ore., Prineville—Irrigation—Ochoco Irrigation Dist., Crook Co., let contract 15½ mi. canal and project dam on system which will irrigate 22,000 acres of land when completed, to Twohy Bros., 219 East 60th St., Portland. Project will cost about $900,000.

Cal., Richmond—Dredging—City received low bids dredging harbor and filling in behind bulkhead from Richmond Dredging Co., Monadnock Bldg., $18,722; American Dredging Co., 255 California St., $39,500; San Francisco Bridge Co., New Bank Bldg., $40,546, both of San Francisco.

★Que., St. Maurice River—Dredging—Dept. Pub. Wks. of Dominion Government let contract dredging 146,000 cu.yd. to La Cie de Entreprises Industrielle, Levis, about $15,000.

INDUSTRIAL WORKS

Proposed Work

Mass., Worcester — Worcester Machine Screw Co., Beacon St., plans 5-story, brick factory. Cutting, Carleton & Cutting, 44 Front St., archts.

N. Y., Brooklyn—Lancastershire Realty Co., 44 Court St., soon receives bids, rein.-con. or struc. steel, automobile service station. About $450,000. Shampan & Shampan, 772 Bway., archts.

N. Y., Buffalo—J. Dodd Packing Co., 741 William St., had plans prepared by Henschien & McLaren, archts., 37 West Van Buren St., Chicago, 5-story, 65 x 175-ft. brick and concrete plant. $120,000.

N. Y., Buffalo—New York Central R.R. had plans prepared for 60 x 500-ft. freight terminal, rein.-con., Curtiss and Clark Sts. About $250,000. G. W. Kittredge, Grand Central Terminal, New York City, ch. engr.

N. Y., Brooklyn—Hutwelker & Briggs Co., 14 Hall St., having plans prepared by G. M. Landon, archt., 103 Park Ave., New York City, 4-story addition to cold-storage building, west side Hall St. near Flushing Ave. About $50,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Boston—Chas. J. Huntley, 17 Yarmouth St., soon lets contract 6-story, 61 x 110-ft. public garage. J. Marsden Parks, 46 Pritchard Ave., Somerville, archt.

★Mass., Cambridge—Sears, Roebuck & Co., Chicago, let contract, 5-story, 50 x 100-ft. rein.-con. factory, to W. M. Bailey, 88 Broad St., Boston.

★N. Y., Brooklyn—Long Island State Hospital Comn., Capitol, Albany, let contract store house and cold-storage building, Clarkson St., to Modern Constr. Co., 927 Bway, New York City, $50,000.

★N. Y., New York—Loft Candy Co., Broome and Centre Sts., let contract alterations and addition to factory, 398 Broome St. to J. H. Carl & Co., 510 1st Ave., $80,000.

★Pa., Phila.—G. P. Wetherill & Co., 114 North Front St., let contract 4-story, 37 x 78-ft., brick and concrete plant to H. H. Wehmeyer, 1004 West Lehigh Ave. Noted Aug. 9.

★O., Akron—C. W. Boshau, 2352 East Mill St. let contract garage, brick, 62 South High St., to Harbaugh Constr. Co., 312 Ohio Bldg., $80,000.

★O., Cleveland — American Shipbuilding Co., West 54th St., let contract boiler and engine houses, brick and concrete, to De Hamel Constr. Co., 604 Sweetland Bldg., $80,000.

★Ind., Indianapolis—Van Camp Packing Co., 600 Kentucky St., let contract packing plant and warehouse to Bedford Stone & Constr. Co., 810-15 Fletcher Savings Trust Bldg. About $300,000.

★Ill., Chicago—Illinois Miniature Division of Natl. Lamp Wks., of General Electric Co., 501 Jefferson St., let contract 3-story, 84 x 243-ft. and 1-story, 42 x 42-ft. factory, warehouse and power house to Wieboldt Contsr. Co., 1534 West Van Buren St. About $60,000.

Tex., Houston—Empire Gas & Fuel Co., 1304 Carter Bldg., recently secured site on ship channel and will soon let contract for refinery. About $2,000,000. Company will also build pipe line to Gainesville connecting it with Producers Refining Co., a subsidiary.

BUILDINGS

Proposed Work

N. Y., Cobleskill — School — School of Agriculture having plans prepared 2-story, brick and steel addition. About $55,000. D. B. Frisbie, Middleburgh, pres. bd. trustees.

N. Y., Gloversville—Bank—Fulton Co. Trust Co., 51 North Main St. plans, brick and stone, 10 North Main St. About $50,000.

N. Y., Herkimer—Hospitals—Herkimer Co. Bd. Supervs. having plans prepared by Pember & Champaigne, archts., 24 James St., Albany, 3 turberculosis hospitals, Salisbury Centre. About $85,000.

N. Y., New York—Theater and Office—J. J. Schubert, 225 West 44th St., plans at 1567-69 Bway. About $50,000. H. J. Knapp, 116 East 16th St., archt.

N. Y., New York—(Official)—Exchange—New York Telephone Co., 15 Dey St., soon lets contract, 3-story, 56 x 94 ft., brick. About $125,000. McKensie, Voorhees & Gelmin, 1123 Bway, archts. Noted July 12.

B. C., Rossland — School — Bd. Educ. plans, 2-story, brick. About $75,000. J. Bowman, archt., 914 Yorkshire Bldg., Vancouver, soon receives bids.

BIDS DESIRED

Conn., Bridgeport—School—Until Sept. 10, by Bd. Educ., on Steuben St. Leonard Asheim, 211 State St., archt.

Conn., Waterbury—School—Until Sept. 4, by Bd. Educ., Grove and Pine Sts. About $530,000. T. A. Walsh, 51 Leavenworth St., archt.

N. Y., Albany—(Official)—City Hall—Until Sept. 5, by Bd. Contr. and Supply, brick, city hall and police headquarters. W. H. Van Guysling, 1 Clinton Sq., archt. Noted July 26.

Pa., Chester—Bank—Until Sept. 5, by Natl. Ex. Bank, 1-story, brick and rein.-con. Mawbury & Uffinger, 56 Liberty St., New York City, archt.

Pa., Uniontown—Until Sept. 4, by Y. M. C. A., for 4-story, 76 x 90 ft. building. About $150,000. D. M. Hertzog, pres. H. W. Altman, 1st Natl. Bank Bldg., archt.

W. Va., West Liberty—Dormitory—Until Sept. 4, by State Bd. Control, Charleston, dormitory at State Normal School. F. Harris, Schmulbach Bldg., Wheeling, archt.

O., Akron — (Official) — High School—Until Sept. 10, by J. F. Barnhart, clk bd. educ., in Firestone Park. T. R. Ridley, Cottage Pl., archt.

O., Ironton—Hotel—Until Sept. 5, by Ironton Hotel Co., Citizens Natl. Bank Bldg., 5-story, 32 x 132-ft. Noted July 12.

O., Upper Sandusky—School—Until Sept. 13, J. F. Stoker, clk. bd. educ., R. F. D. 2, Nevada. Howard & Merriam, 8 East Broad St., Columbus, archts.

Ind., Lafayette—Theater—City plans, on 7th and Main St. About $150,000. T. Bauer, mayor.

N. B., Bathhurst—College—Until Sept. 15, by Sacred Heart College, brick. About $250,000. R. A. Frechette, 30 Bonnacord St., Moncton, archt. Noted Aug. 2.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Boston—School—Bd. Educ. received low bids erecting Michael Anglo School, Charter St. and Phipps Pl. from J. Slotnick, 10 Lawrence St., Chelsea, $166,973; J. Bowen Co., 194 Dudley St., Roxbury, $171,600; Murphy Constr. Co., 7 Water St., $189,576. Noted Aug. 9.

★Mass., Lowell—Church—First Church of Christ Scientist, 1482 Middlesex St., let contract to E. S. Barlow, 25 Huntington Ave., Boston. About $75,000.

★N. Y., Astoria — School — St. Josephs Congregation let contract, 4-story, Grand and 14th Aves., to Peter Cleary, 15 Marion St., Brooklyn. About $60,000. Noted June 7.

★N. Y., Brooklyn—Theater—J. H. Ward, 226 Henry St., let contract to Jardin Co., Inc., 507 5th Ave. About $50,000.

★N. Y., Cohoes—High School—Bd. Educ let contract, 2-story, 60 x 150-ft., brick and stone, to Schaefer Constr. Co., 5 West 31st New York City, $120,000. Noted May 31.

★N. Y., New York — Club House — G. Ehret, 233 East 92nd St., let contract alteration to 4-story, 90 x 125-ft. brick and stone club house, Park Ave. and 59th St., to Whatron-Greene & Co., 22 William St., $50,000.

★N. Y., New York—Restaurant and Office—T. Healy, Columbus Ave. and 66th St., let contract alteration, 2-story, 100 x 125-ft., 2527-2537 B'way., to Post & McCord, 101 Park Ave., $50,000.

Buildings (Continued)

★N. Y., **Potsdam**—School—Bd. Educ. let contract addition to Normal School, to Bradley & Weed, 200-5th Ave., New York City. About $150,000. Noted Aug. 2.

★N. Y., **Poughkeepsie**—Theater—Stratford Theatre Co., 93 Hooker 9ve., let contract 1-story, 55 x 134 ft. to E. V. Anderson, 39 Market St. About $90,000.

★N. Y., **Watertown**—School—Bd. Educ. let contract alteration and addition, Boon St., to T. J. & J. F. Ward, 109 Ten Eyeck St., $60,000. Noted Aug. 9.

★N. Y., **Yonkers**—School—Bd. Educ. let contract, 3-story, 70 x 170 ft., to P. Sarubbi, 12 North Bway. About $330,000. Noted July 5.

★Pa., **Bradford**—Church—First Presbyterian Congregation let contract 40 x 108-ft. church and 40 x 54-ft. sunday school to E. N. Unruh, Bradford. About $100,000.

★Pa., **Dravosburg** — High School — Bd. Educ. let contract, 2-story, to J. G. Fullman, East End Trust Bldg., Phila., $70,000.

★Pa., **Lansdowne**—Home—St. Vincent's Home let contract, 3-story, 235 x 320-ft. steel and rein.-con. addition to Melody & Keating, 1322 Race St., Phila., $50,000. Noted Aug. 9.

★Va., **Lynchburg**—Y. M. C. A., Lynchburg, let contract 4-story, 50 x 116-ft. building to W. K. Barger, Peoples Bank Bldg. About $100,000. Noted Aug. 23.

★Ga., **Atlanta**—Transportation—Brown-Randolph Co., Marietta and North Forsyth Sts., let contract, 8-story, to Gude & Co., Grant Bldg. About $500,000.

★**Canton** — Office — United Alloy Steel Corp., Belden Ave. and 10th St. N.E., let contract, brick, steel and concrete, to F. W. Mettler, Guardian Bldg., Cleveland, $100,000.

★O., **Washington, C. H.**—School—Bd. Educ. Union Twp. let contract, 2-story, 74 x 36 ft. and 21 x 21 ft. addition, to E. Mast, 100 Greenwood Ave., Zanesville. About $50,000. Noted July 26.

Ind., Anderson—Lodge—B. P. O. E. received low bid, 2-story, 70 x 100-ft., from D. Eshelman & Son, 126 West 5th St., $67,865. Noted July 5.

★**Ind., Ft. Wayne**—Y. M. C. A. let contract 7-story, rein.-con., stone and brick, to Indiana Eng. Co., 528-30 Lincoln Life Bldg., $225,000. Noted July 12.

Mich., Detroit—Hotel—Louis Duscoff, 481 Franklin St., let contract 4-story, brick and steel, Brainard St., to Natl. Bldg. Constr. Co., 60 Lafayette Bldg.

★**Ill., Chicago**—Chapel and Convent—Sisters of Poor Clares let contract, 2- and 3-story, brick, 5245-59 West 105th St., to J. Gebhardt & Sons, 1825 Orchard St. About $130,000.

★**Ill., Rock Island**—Hospital—St. Anthonys Hospital let contract to C. J. Larkin, Rock Island. About $200,000. Noted Aug. 2.

★**Wis., Milwaukee**—School—State Bd. Industrial Educ. let contract Central Continuation School to G. E. Kahn, 688 Kachet Ave. About $200,000. Noted July 2.

★**Wis., Watertown**—Hospital—Sisters St. Mary let contract to Mallow & Kaddatz, Watertown, $120,000.

★**Ia., Mason City**—High School—Bd. Educ. let contract, Washington High School, to H. F. Jones, Mason City. About $78,000. Noted July 26.

★**Minn., Warroad** — High School — Bd. Educ. let contract, 58 x 64 ft., to Laurence Constr. Co., 624 Plymouth Bldg., Minneapolis. About $60,000. Noted July 19.

★**Neb., York**—(Official)—High School—Bd. Educ. let contract, 2-story, 80 x 220-ft., brick, stone, and rein.-conc., to Olson & Johnson, 638 1st Natl. Bank Bldg., Omaha, $117,405. Noted Aug. 16.

★**S. D., Aberdeen**—Dormitory—Northern Normal School let contract, Lincoln Hall, to Madsen Constr. Co., Plymouth Bldg., Minneapolis. About $50,000.

★**Mo., St. Louis**—Theater and Office—Vaudeville Theater Co., 705 Olive St., let contract alterations to Federal Constr. Co., 812 Olive St., $75,000.

★**Tex., Waco**—Auditorium—Waco Cotton Palace let contract to H. J. Ainsworth, Waco, $51,063.

★**Idaho, Kellog**—Store and Theater—J. McConnell and E. McIntosh, Kellogg, let contract, 2-story, 100 x 125 ft., brick, to O. W. Anderson, Spokane. About $57,742.

★**Ore., Portland**—Spaulding Estate, Park and Alders Sts., let contract 4-story building to Bingham & McClelland, Platt Bldg. About $55,000.

★**Cal., Oxnard**—Bank and Office—1st Natl. Bank Bldg. let contract, 2-story, brick, to Los Angeles Planing Mill Co., 1812 Industrial St., Los Angeles. About $55,000.

FEDERAL GOVERNMENT WORK

Proposed Work

Ga., West Point—Post Office—J. A. Wetmore, superv. archt., treas. dept., rejected all bids as they were in excess of appropriation. Noted Aug. 23.

BIDS DESIRED

Conn., New London — Dredging — Until Sept. 4, by Bureau of Yards and Docks (F. R. Harris, ch.) Navy Dept., Wash., about 135,000 cu.yd., at U. S. submarine base.

Md., Annapolis — Dredging — Until Sept. 10, by Bureau of Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., in channel at rifle range, U. S. Naval Academy.

Wash., D. C.—Coast Guard—Until Sept. 25, by Navy Dept., U. S. Coast Guard Headquarters, new building and accessories at Coast Guard Station No. 166. Noted July 12; advertised in this issue.

Wash., D. C. — Air Compressors — Until Sept. 4, by Bureau of Yards and Docks (F. R. Harris, ch.), Navy Dept., 2 motor and 2 engine-driven 2-stage air compressors having capacity of 500 cu.ft. per min.

Va., Cape Henry—Building—Until Sept. 18, by Secy. of Agriculture, Wash., 3-story brick building for Weather Bureau; advertised in this issue.

Miss., Vicksburg — Levee Work — Until Sept. 4, by 3rd Mississippi River Dist., Box 404, about 1,100,000 cu.yd. levee work; advertised in this issue.

Mich., Detroit—Backfilling—Until Sept. 4 by U. S. Eng. Office, Detroit, backfilling walls of 4th lock, Marys Falls, Canal.

Idaho, Twin Falls—Post Office—Until Oct. 1, by J. A. Wetmore, superv. archt., treas. dept., Wash.

Hawaii, Pearl Harbor — Storehouse — Until Sept. 10, by Bureau of Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., rein.-con.

P. R., El Cayey—Building—Until Sept. 3, by Bureau of Yards and Docks (F. R. Harris, ch.), Navy Dept., Wash., for radio buildings at high-power radio station.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Conn., New London**—Storehouse—Bureau of Yards and Docks, Navy Dept., Wash., let contract to R. H. Arnold Co., 1025 Vermont Ave., Wash., D. C., $119,600. Noted Aug. 9.

★**N. Y., New York**—Electric Lighting System—Bureau of Yards and Docks, Navy Dept., Wash., let contract system in structural shop to L. K. Comstock, 30 Church St., $10,490. Noted Aug. 9.

★**Pa., Harrisburg** — Storehouse—Bureau of Yards and Docks let contract to James L. Stuart, 233 Oliver Ave., Pittsburgh, and not J. L. Stewart Co., 30 Church St., New York City. About $400,000. Noted Aug. 16.

Pa., Phila.—Quarters for Radio Operators—Bureau of Yards and Docks, Navy Dept., Wash., received low bids (work complete), from Hogg Constr. Co., 1634 Sansom St., $16,656, and W. W. Austin & Co., Transportation Bldg., $16,747. Noted Aug. 9.

Pa., Pittsburgh—Post Office—J. A. Wetmore, superv. archt., treas. dept., received only bid remodeling and extension from W. H. Fissell, 1328 Bway., New York City, $110,000.

S. C., Port Royal—Officers' Quarters—Bureau of Yards and Docks, Navy Dept., Wash., received low bids from W. T. Hadlow, 831 Park St., Jacksonville, $7477; J. A. Jones, Charlotte, $10,676; Artley Co., 121 Bull St., Savannah, $11,800. Noted Aug. 16.

Ia., Cherokee—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids Aug. 22 from Johnson Constr. Co., Fargo, $43,997; G. W. Stiles Constr. Co., 209 South La Salle St., Chicago, $55,252; J. H. Wiese, 1301 City Natl. Bank, Omaha, $55,730. Noted July 19.

Kan., Eldorado—Post Office—J. A. Wetmore, superv. archt., treas. dept., Wash., received low bids from Johnson Constr. Co., Fargo, $43,397; Geo. A. Shaul, Seneca, $51,795; E. A. Steininger Constr. Co., Victoria Bldg., St. Louis, $57,588. Noted July 19.

★**Mo., St. Louis**—Levee Work—Mississippi River Comn., 1311 International Life Bldg., let contract 90,000 cu.yd. earthwork in Hunt D. D., Illinois, to Cameron, Joyce & Co., Keokuk, $25,000. Noted July 26.

★**Mont., St. Ignatius**—Reclamation—U. S. Rec. Ser., St. Ignatius, let contracts about 60,000 cu.yd. earthwork and 100,000 sq.ft. concrete lining on Flathead Project to Clarence B. Long, Polson, schedule 1, $37,620; Percy M. Ross, St. Ignatius, schedules 2 and 3, $7637. Noted June 21.

★**Wash., Puget Sound**—(Bremerton P. O.)—Storehouse—Bureau of Yards and Docks, Navy Dept., Wash., let contract to A. W. Quiest & Co., New Times Bldg., Seattle, $505,211. Noted Aug. 23.

★**Wash., Puget Sound**—(Bremerton P. O.)—Torpedo Station—Bureau of Yards and Docks, Navy Dept., Wash., let contract to Parker & Loftus, Bremerton, $23,912. Noted Aug. 30.

MISCELLANEOUS

Proposed Work

Bulkhead — Jersey City, N. J. — City Comrs. plan, concrete, at foot of Hornell St. About $60,000. F. A. Dolan, city clk.

Harbor Improvement—Jersey City, N. J.—City Comn. authorized appropriation of $147,300 for improvement and development of waterfront along Hackensack River at foot Yale Ave. C. A. Van Keuren, city engr.

Elevated Railway—Philadelphia, Pa.—(Official)—W. S. Twining, dir. dept. city transit, received no bids, Aug. 21, steel framework, railings, concrete floors, etc., for Frankfort Elevated Ry. Noted Aug. 16.

Dry Dock—Charleston, S. C.—Valk & Murdock Co., foot Calhoun St., plan huge sectional floating dry dock at plant on Cooper River, about 440 ft. long with beam of 100 ft.

River Terminals—Memphis, Tenn.—Citizens voted $500,000 bond to build river terminals. J. H. Weatherford, city engr. Noted Aug. 9.

Subway—Ft. Wayne, Ind.—Lake Shore & Michigan Southern Ry. plans, at Elizabeth St. G. C. Cleveland, Cleveland, ch. engr.

Pipe Line—Houston, Tex.—See "Industrial Works."

Incinerator — Okmulgee, Okla.—Citizens voted $30,000 bonds to build incinerator. M. N. Coles, city engr. Noted July 26.

Dock—Tacoma, Wash. — Council plans $135,000 bond issue to build dock. When completed same will cost $240,000, there being $105,000 available for work now. W. C. Raleigh, city engr.

Levees, Etc.—Blythe, Cal.—Palo Verde Protection Dist. retained J. C. Allison, 735 Van Nuys Bldg., Los Angeles, as engineer for the constructing levees, ditches, 20 mi. railway, etc.; also to purchase railway equipment, steam shovels, scrapers, fresnoes, etc. Project to cost about $1,000,000.

Subway—Aurora, Ont.—King and Whitchurch Councils and Toronto and York Highway Comn. plan on Yonge St., 16 ft. high. E. A. James, Toronto, engr.

Docks, Etc. — Ojibway, Ont. — Canada Steel Corp., subsidiary of U. S. Steel Corp., filed plans with Dominion Government for preliminary work of building docks, etc. Plans include canal running through property for a distance of 2500 ft., to be 200 ft. wide and 25 ft. deep. Company plans to build docks on banks of canal, also 1000-ft. dock on river front with marine slip and wharves. About $250,000.

Incinerator—Sarnia, Ont.—City plans to install. About $25,000. J. A. Baird, engr.

BIDS DESIRED

Duct Line—Brooklyn, N. Y.—Until Sept. 5, by Pub. Ser. Comn., 120 Bway., New York City, for duct line for part of Eastern Pkway. Rapid Transit R.R.

Retaining Wall—Lebanon, O.—(Official)—Until Sept. 10 (change of date), by Warren Co. Comrs., rein.-con., on Rd. No. 31. Noted Aug. 16.

Dam and Retaining Walls — Marshalltown, Ia.—Until Sept. 10, by J. J. Wilson, city clk., rein.-con., over channel north of river at Center St. About $10,000. W. H. Steiner, city engr. Noted Aug. 16.

Dock — Georgetown, Wash.—(Official)—Until Sept. 10, by Comrs. King Co., 40 x 600-ft. About $35,000. S. J. Humes, co. engr. Noted Aug. 2.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Incinerator — Brookline, Mass.—Bd. Pub. Wks. let contract to Jas. Driscoll, 95 Washington St., about $33,213. Noted Aug. 2.

Sea Wall—Quincy, Mass.—Com. on Waterways and Pub. Lands received low bid sea wall on Houghs Neck, Manet Ave., from D. F. Drowley, 658 Adams St.

★**Refuse Destructor — Rockaway Beach, N. Y.**—(Official)—Bureau of St. Cleaning let contract, Elizabeth Pl., Barbadoes Creek, Thursley and Beach 63rd Sts., to Kelly & Kelly, Inc., 299 Madison Ave., New York City, $148,500.

★**Dam**—Prineville, Ore.—See "Excavation and Dredging."

★**Transmission Line**—Sherbrooke, Que.—City let contract, from Sherbrooke to power plant at 2 Mile Falls, to Coders & Sons, 161 Wellington St., London, $150,000. Noted Aug. 9.

SEARCHLIGHT SECTION

Contracts To Be Let

PROPOSALS

Bids received until Sept. 4, 1917.

Montgomery Bridge

Montgomery, Pa.

Sealed proposals for the construction of a reinforced concrete bridge over the West Branch of the Susquehanna River at the foot of Second Street in the Borough of Montgomery, Pennsylvania, will be received by the Board of Commissioners of Lycoming County, Pennsylvania, at the office of their Chief Clerk, until 12 o'clock, noon, on September 4th, 1917. At the same place, the proposals will be publicly opened and read at 2 o'clock P. M.

The bridge as contemplated will be about one thousand (1000) feet long, and will consist of nine (9) open spandrel arches, three of the arches will be 101 feet span, and the remainder will be 93 feet.

Bids will be asked at the same time for a concrete viaduct approximately four hundred (400) feet long on the Montgomery side, adjacent to the bridge.

Prospective bidders may secure copies of the plans and specifications, including form of proposal, from L. O. Bower, Chief Clerk, of the County Commissioners at his office in the Court House, Williamsport, Pennsylvania, by making a deposit of twenty-five dollars ($25.00), which sum will be refunded to all bidders upon return of the plans and specifications in good order, and to all other Contractors returning same before date on which bids are received.

A certified check for the sum of ten thousand ($10,000.00) dollars, payable to H. B. Achenbach, Treasurer of Lycoming County, must accompany each proposal, both of which must be enclosed in a sealed envelope, and marked, "THE PROPOSAL FOR THE CONSTRUCTION OF THE MONTGOMERY BRIDGE" and must be delivered to L. O. Bower, Chief Clerk, County Commissioners' Office, Court House, Williamsport, Pennsylvania.

The right is reserved by the Commissioners to reject any and all bids, or to accept any bid they may deem to the best interests of the County.

Attest:

L. O. BOWER, Chief Clerk.
CHARLES W. MYERS,
JOSEPH H. NICELY,
JOHN G. DURRWACHTER,
County Commissioners.

M. C. KRAUSE, Engineer,
335 Pine Street, Williamsport, Pa.

PROPOSALS FOR LEVEE WORK.—Office of Third Mississippi River District, P. O. Box 404, Vicksburg, Miss.—Sealed proposals will be received here until 11 o'clock, a.m., Sept. 4, 1917, and then publicly opened, for constructing about 1,100,000 cubic yards of levee work. Information on application.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., August 15, 1917.—Sealed proposals will be opened in this office at 3 p.m., September 17, 1917, for the construction complete of two additional dolphins and the furnishing and installing complete of thirty-two spring buffers at the wharf of the Quarantine Station at Tampa Bay, Florida. Drawings and specifications may be obtained from the Custodian at Tampa Bay, Florida, or at this office, in the discretion of the Acting Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Official Proposals

Price, $3.60 an inch—Copy can be received until Wednesday, 10 a. m. for issue mailed the next day

PROPOSALS

Bids received until September 4, 1917.

State Highway Work

PENNSYLVANIA STATE HIGHWAY DEPARTMENT,
Harrisburg, Pa.

Sealed proposals will be received at said office until 10 a. m., September 4, 1917, when bids will be publicly opened and scheduled, and contracts awarded as soon thereafter as possible for the reconstruction of 6513 linear feet of Vitrified Block Pavement, 16 feet wide, situated in Washington Township, Fayette County, Route No. 247; 1,270 linear feet of Vitrified Block Pavement, 26 feet wide, situated in Swatara Township, Dauphin County, State-aid Application No. 570; 13,007 linear feet of Vitrified Block Pavement, 16 feet wide, situated in Manor Township, Armstrong County, State-aid Application No. 397; 5,800 linear feet of Vitrified Block Pavement, 16 feet wide, situated in Clinton Township, Butler County, Bureau of Township Highways Authorization No. 319; 6,537 linear feet of reinforced Concrete Pavement, 16 feet wide, situated in Foster Township, McKean County, Route No. 96; 6,537 linear feet of Reinforced Concrete Pavement, 16 feet wide, situated in Moreland and Abington Townships, Montgomery County, State-aid Application No. 648; 9,878 linear feet of Vitrified Block Pavement, 16 feet wide, situated in East Taylor Township, 11,070 linear feet of Vitrified Block Pavement, 16 feet wide, situated in Jackson and East Taylor Townships, and 11,975 linear feet of Vitrified Block Pavement, 16 feet wide, situated in Jackson Township, all in Cambria County, Route No. 52; 16,852 linear feet of Vitrified Block and Reinforced Concrete Pavement, 16 feet wide, situated in South Fayette Township, Allegheny County, Route No. 108; 19,318 linear feet of Vitrified Block and Reinforced Concrete Pavement, 16 feet wide, situated in Cecil and North Strabane Townships, Washington County, Route No. 108; 5,900 linear feet of Reinforced Concrete and Vitrified Block Pavement, 16 feet wide, situated in East Bethlehem Township, Washington County, Route No. 268; 11,857 linear feet of Reinforced Concrete Pavement, 16 feet to 20½ feet wide, situated in Hanover Township, Lehigh County, Route No. 159, and 7,821 linear feet of Bituminous Pavement, 18 feet wide, situated in South Abington Township, Lackawanna County, Route No. 9; also, for the grading and drainage of 9,299 linear feet of roadbed, 24 feet to 26 feet in width, situated in Moon and Hopewell Townships, Beaver County, State-aid Applications Nos. 254 and 294. Plans and specifications may be seen at office of State Highway Department, Harrisburg, 1001 Chestnut Street, Philadelphia, and 904 Hartje Building, Pittsburgh, Pa. Full particulars and information on application to Frank B. Black, State Highway Commissioner.

PROPOSALS

Bids received until Sept. 4, 1917.

Duboistown Bridge

Duboistown, Pa.

Sealed proposals for the construction of a reinforced concrete bridge over the West Branch of the Susquehanna River between the foot of Arch Street in West Williamsport and the foot of what will be High Street in the Borough of Duboistown, Pennsylvania, will be received by the Board of Commissioners of Lycoming County, Pennsylvania, at the office of their Chief Clerk, until 12 o'clock, noon, on September 4th, 1917. At the same place, the proposals will be publicly opened at 2 o'clock P. M.

The bridge as contemplated, will be about 1500 feet long and will consist of thirteen (13) open spandrel arches, of ninety-eight (98) feet clear span.

Prospective bidders may secure copies of the plans and specifications, including form of proposals, from L. O. Bower, Chief Clerk of the County Commissioners, at his office in the Court House, Williamsport, Pennsylvania, by making a deposit of twenty-five ($25.00) dollars, which sum will be refunded to all bidders upon return of plans and specifications in good order, and to all other contractors returning same before date on which bids are received.

A certified check for the sum of ten thousand ($10,000.00) dollars payable to H. B. Achenbach, Treasurer of Lycoming County, must accompany each proposal, both of which must be enclosed in a sealed envelope and marked, "Proposal for the Construction of the Duboistown Bridge" and must be delivered to L. O. Bower, Chief Clerk, County Commissioners' Office, Court House, Williamsport, Pennsylvania.

The right is reserved by the Commissioners to reject any and all bids, or to accept any bid they may deem to the best interests of the County.

Attest:

L. O. BOWER, Chief Clerk.
CHARLES W. MYERS,
JOSEPH H. NICELY,
JOHN G. DURRWACHTER,
County Commissioners.

M. C. KRAUSE, Engineer,
335 Pine Street, Williamsport, Pa.

PROPOSALS FOR DREDGING.—Engineer Office, U. S. Army, 405 Custom House, San Francisco, Cal.—Sealed proposals for dredging part of point off Dos Rios Island and vicinity near mouth of Sacramento River will be received here until 10 a.m., Sept. 5, 1917, and then opened. Information on application.

PROPOSALS will be received by the Navy Department at U. S. Coast Guard Headquarters, Washington, D. C., until 2 P. M., September 25, 1917, and publicly opened immediately thereafter for constructing new buildings and accessories at Coast Guard Station No. 166, Wash Woods, N. C. All proposals should be inclosed in sealed envelope and marked "Proposal for Station No. 166, to be opened at 2 P. M., September 25, 1917," addressed to the "Captain Commandant, U. S. Coast Guard, Washington, D. C." Blank proposals, specifications and other information will be furnished upon application to District Superintendent, Seventh District, Coast Guard, Elizabeth City, N. C.; Keeper, Coast Guard Station No. 166, Deals, N. C., or to U. S. Coast Guard Headquarters. E. P. Bertholf, Captain Commandant.